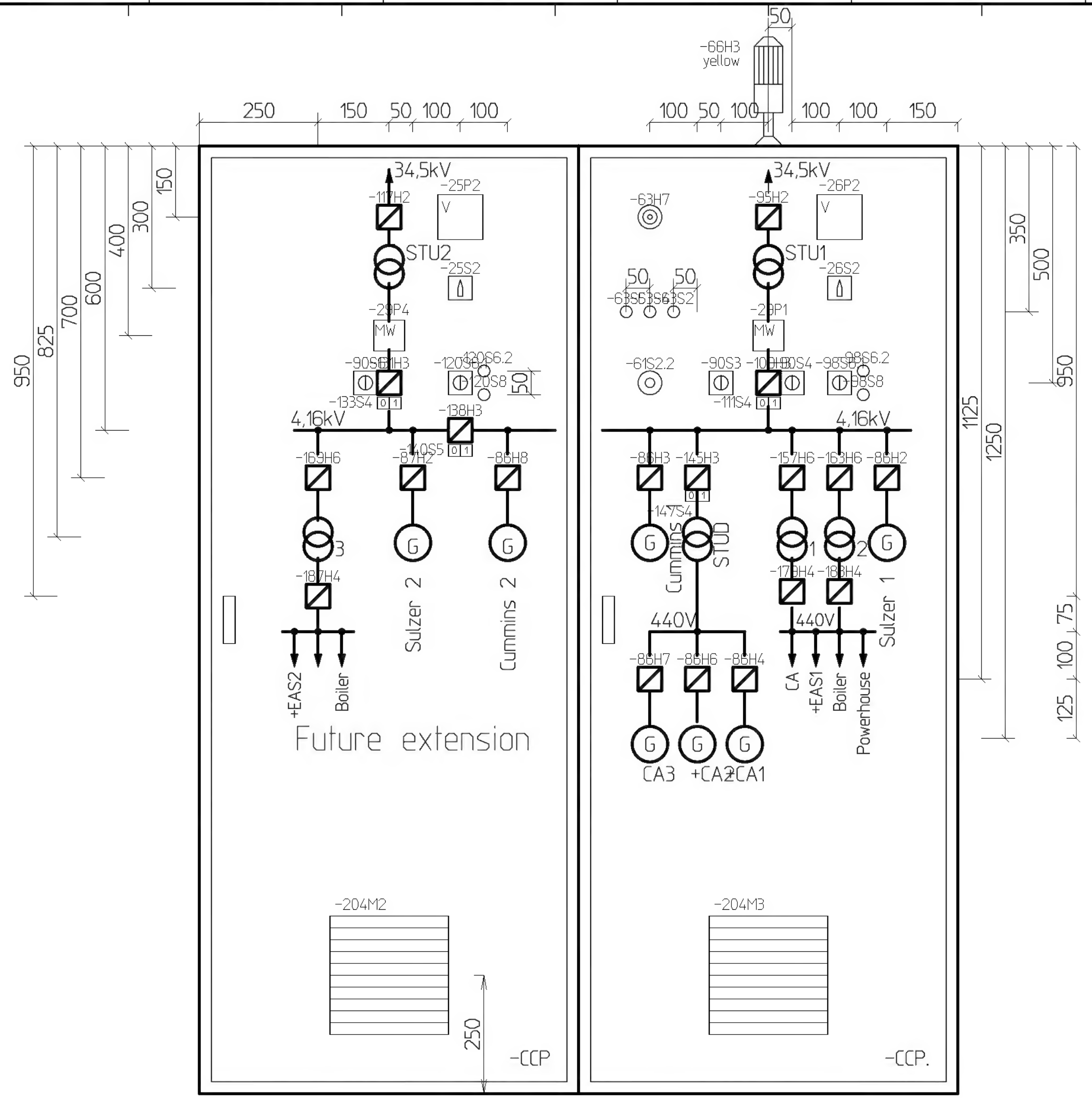


legend

-66H3	Common fault ()
-63H7	horn (Ø22,5)
-204M2	panel fan (SK 3325)
-204M3	panel fan (SK 3325)
-25P2	4,16kV Grid voltage STU2 (92x92)
-26P2	4,16kV Grid voltage STU1 (92x92)
-29P4	Grid STU2 11kV active power (68x68)
-29P1	Grid STU1 11kV active power (68x68)
-90S6	c.b STU2 maintenance (Ø22,5)
-90S4	c.b STU1 maintenance i (Ø22,5)
-90S3	4,16kV C. b. control manual-automatic (Ø22,5)
-61S2.2	emergency stop (Ø22,5)
-63S2	Reset common control switchboard +CCP (Ø22,5)
-63S4	Horn off (Ø22,5)
-63S5	Lamps test (Ø22,5)
-98S6.1	Tap changer contr. STU1 man.-auto. (Ø22,5)
-98S6.2	STU1 tap changer increase (Ø22,5)
-98S8	STU1 tap changer decrease (Ø22,5)
-120S6.1	Tap changer contr. STU2 man.-auto. (Ø22,5)
-120S6.2	STU2 tap changer increase (Ø22,5)
-120S8	STU2 tap changer decrease (Ø22,5)

panel	: TS8806.600
color	: RAL 7032
cable incoming	: bottom
protection degr.	: IP 42
Norm	: DIN EN 60 439 Teil 1: 2000
depth	: 600
cover	: no

Bildbeschreibung IMAGE DESCRIPTION: Panel front view

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501 / =DPP +CCP
Desig.	A. Stellmann				
Check	A. Stellmann				43730 / 437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		page 1 / 211 BL

Index | changing | Date | name

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

=DPP
+CCP

43730 | 437300

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

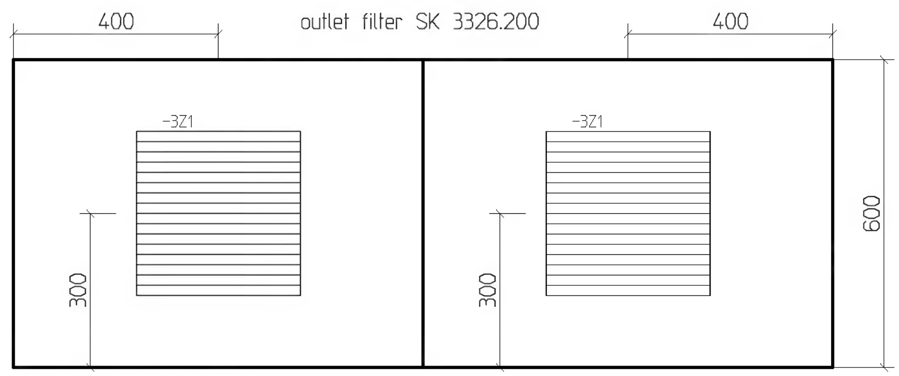
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

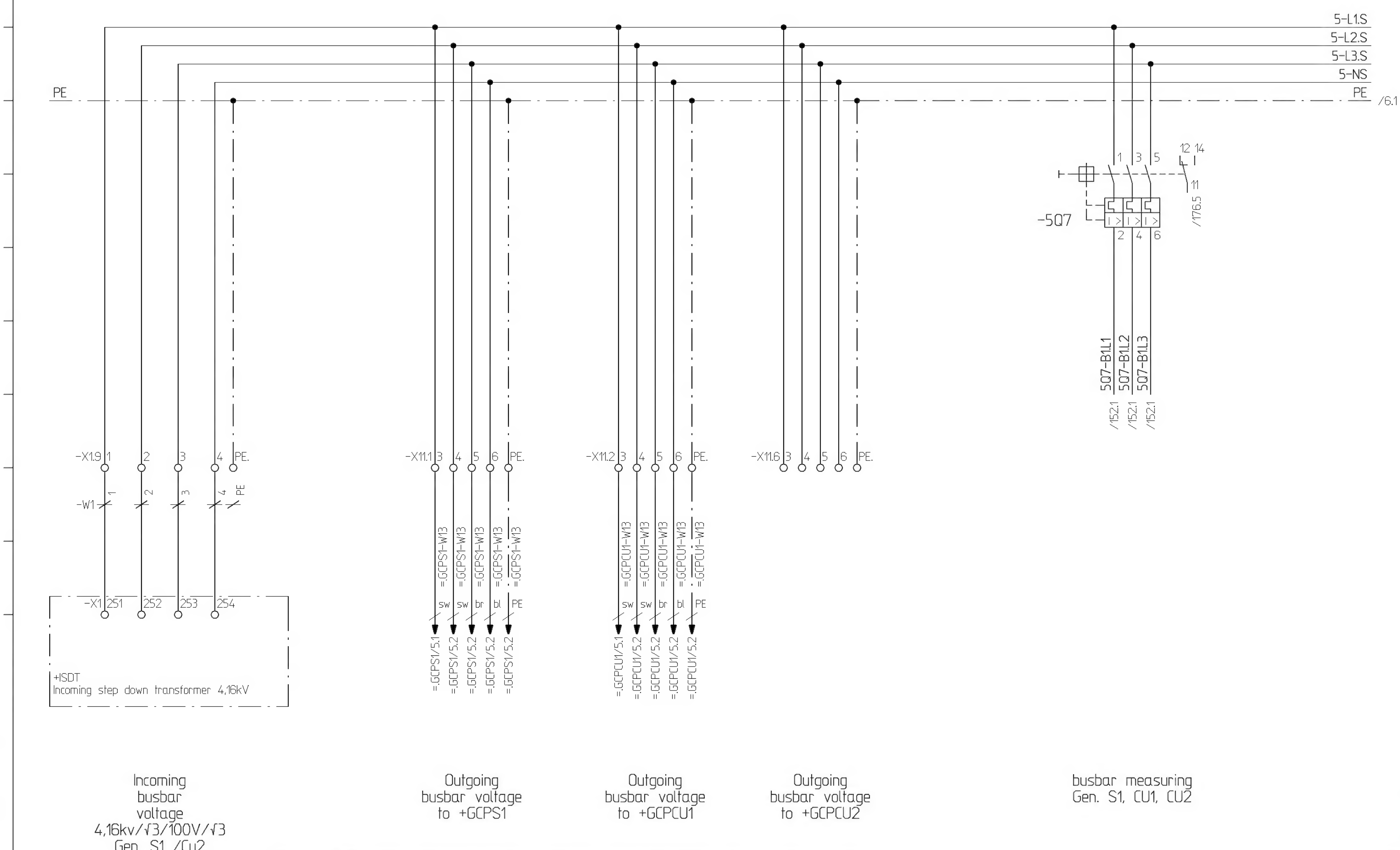
43730 | 437300

=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION
Top view

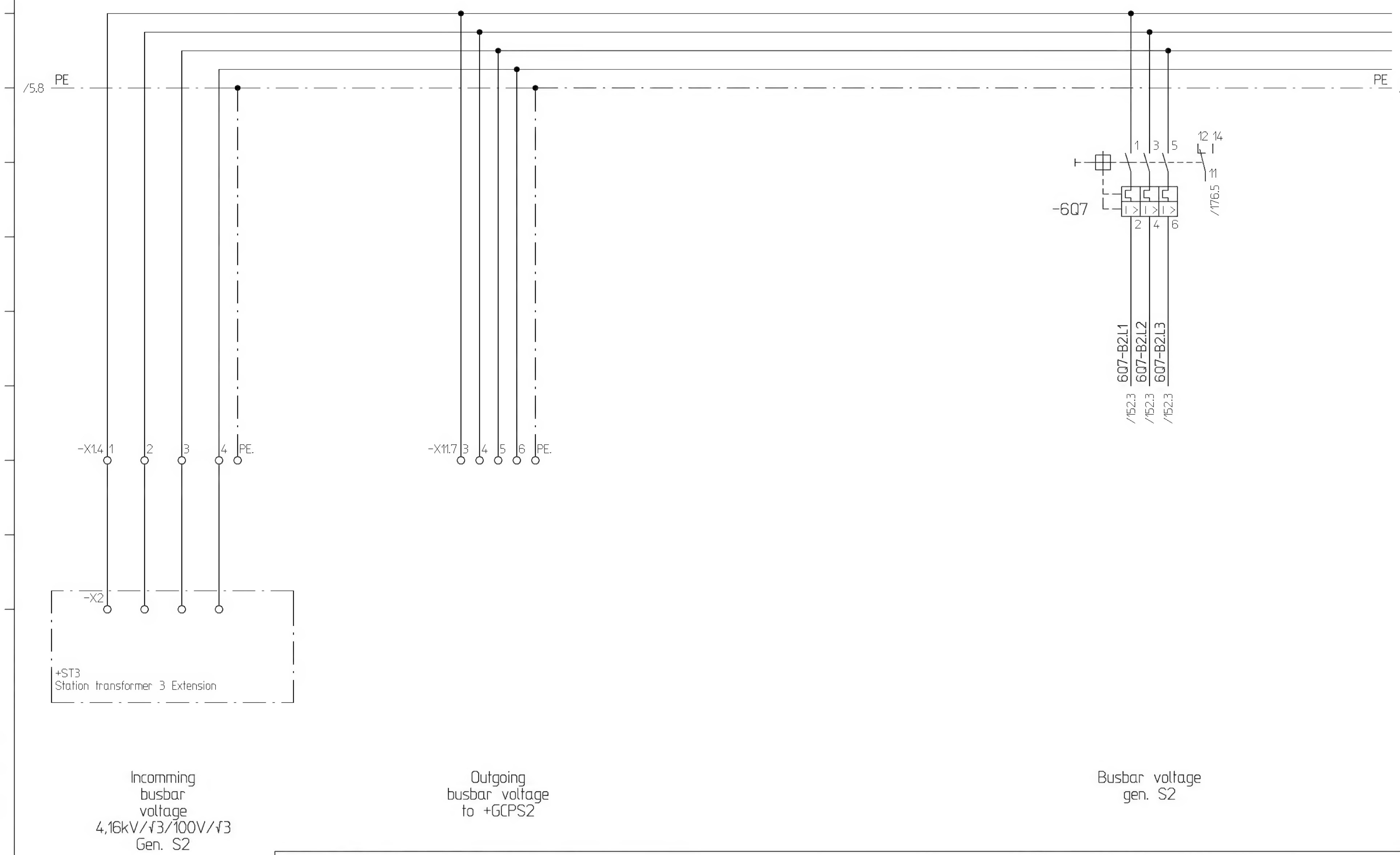
			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	437300	page 4
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03		211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Busbar voltage gen. S1, Cu1-2, S2

			Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
			Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
			Check	A. Stellmann			Common Control Panel	43730 437300	page 5
Index	changing	Date	name	Norm 33	Orig. Ersf.	Ers.d. 11.09.03			211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Busbar voltage gen. S2

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ersf. Ersd. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

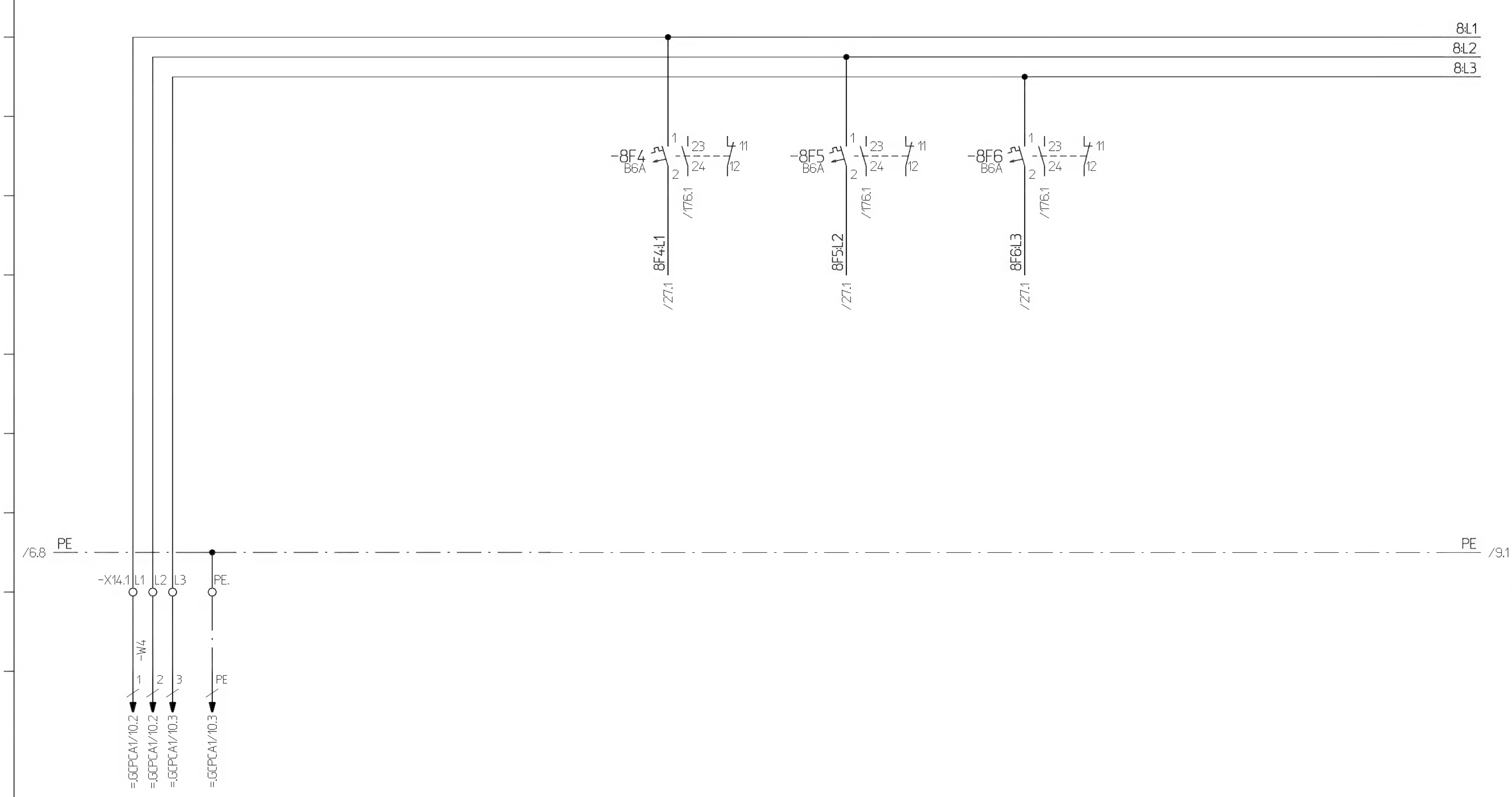
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

=DPP
+CCP

43730 437300

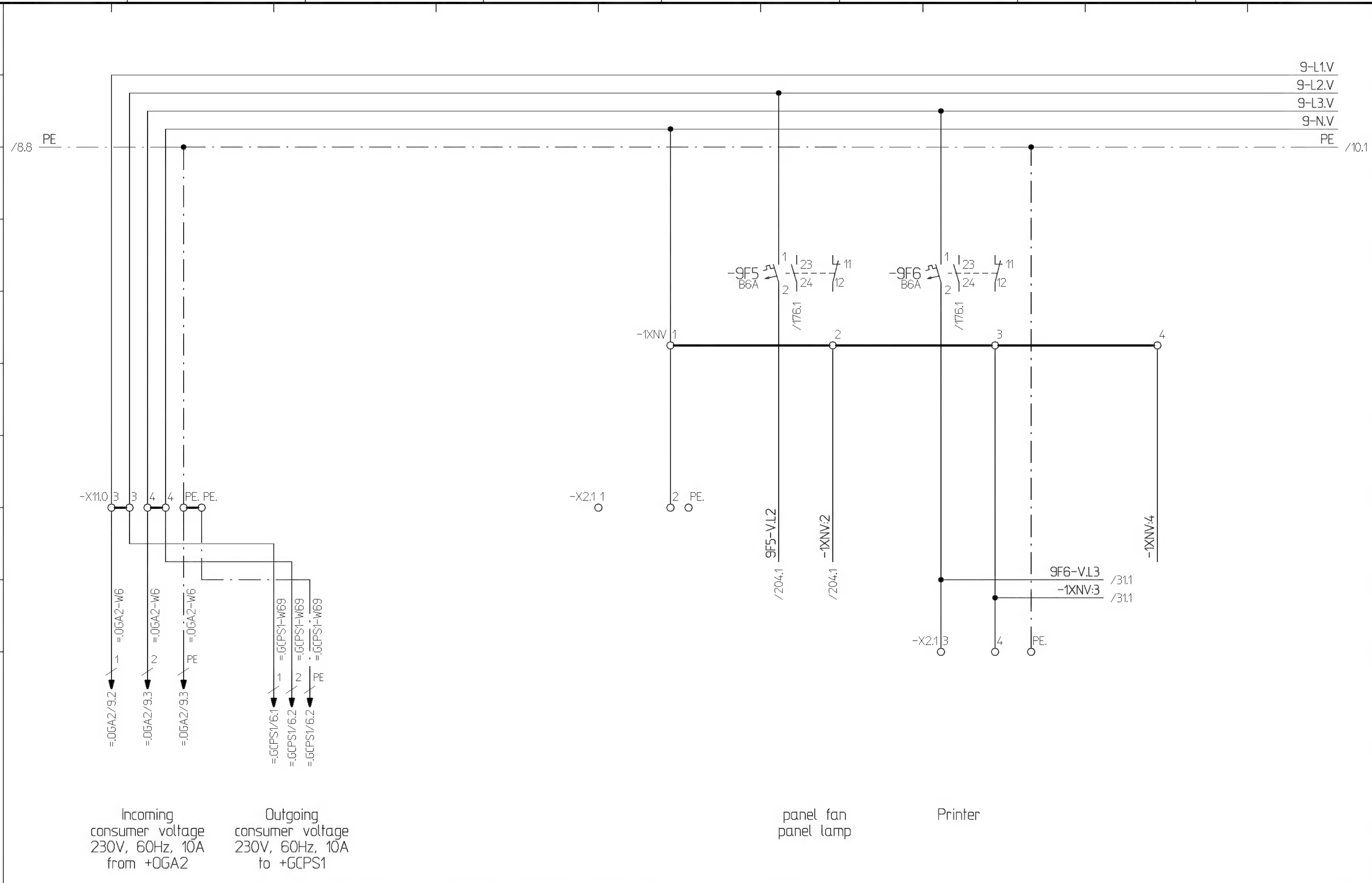


Incoming
busbar voltage
440V, 60Hz, 12,5A
from +GCPCA1

Bildbeschreibung
IMAGE DESCRIPTION

Inc. busbar voltage Cat.1-3 440V, 60Hz

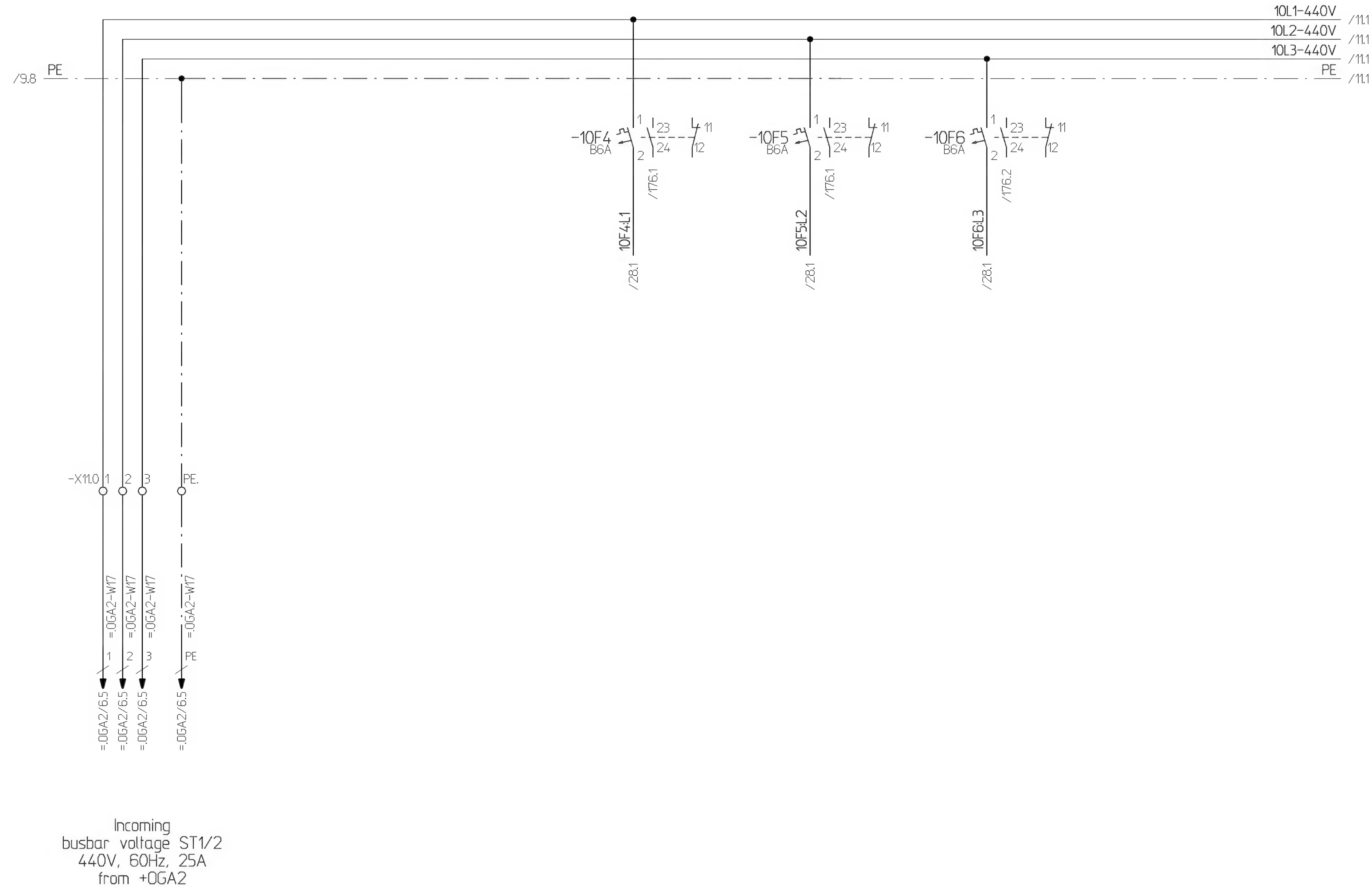
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



Bildbeschreibung
IMAGE DESCRIPTION

Incoming consumer voltage 230V, 60Hz

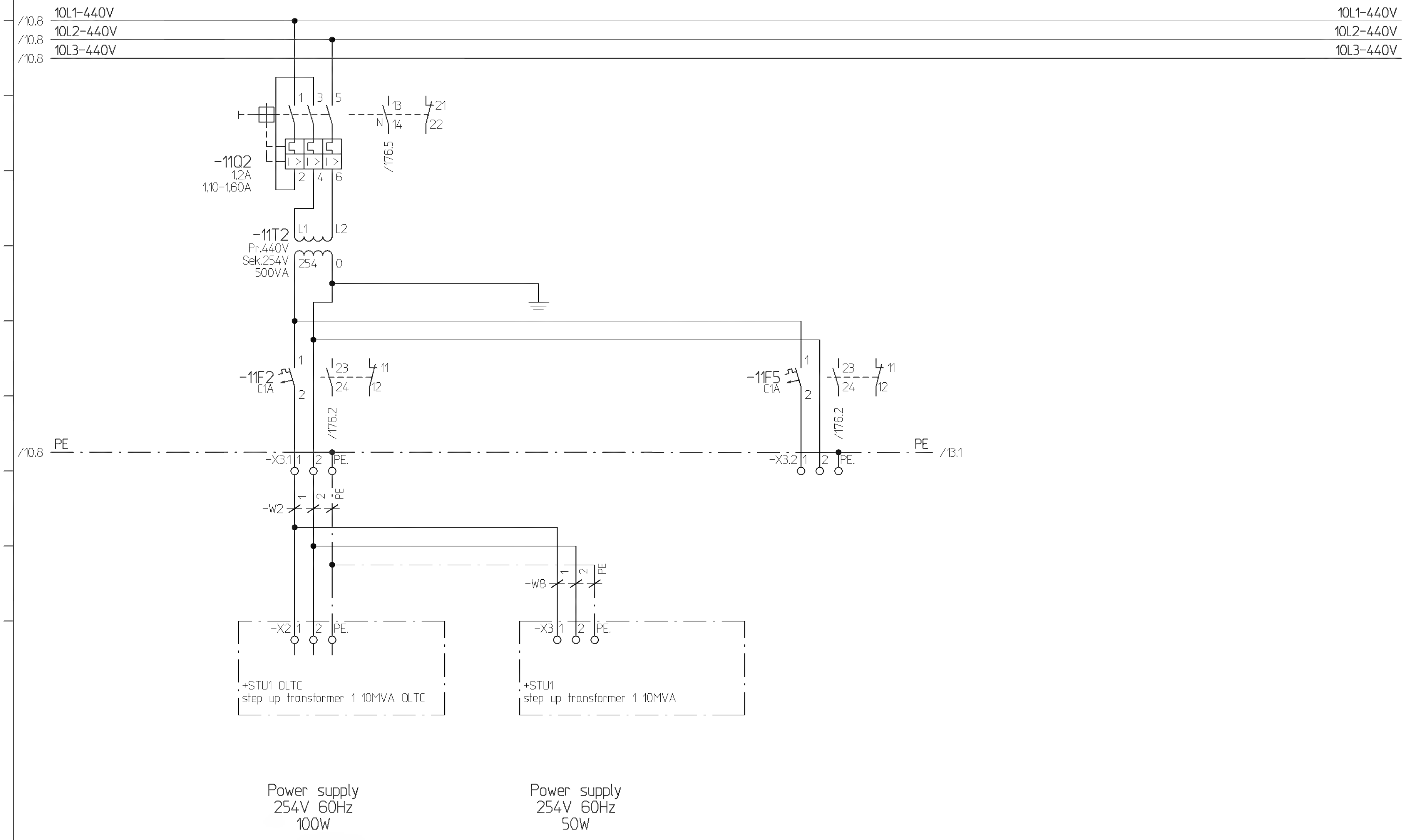
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		43730 / 437300	page 9 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Incoming busbar volt. ST1/ST2 440V, 60Hz

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		43730 / 437300	page 10 / 211 BL

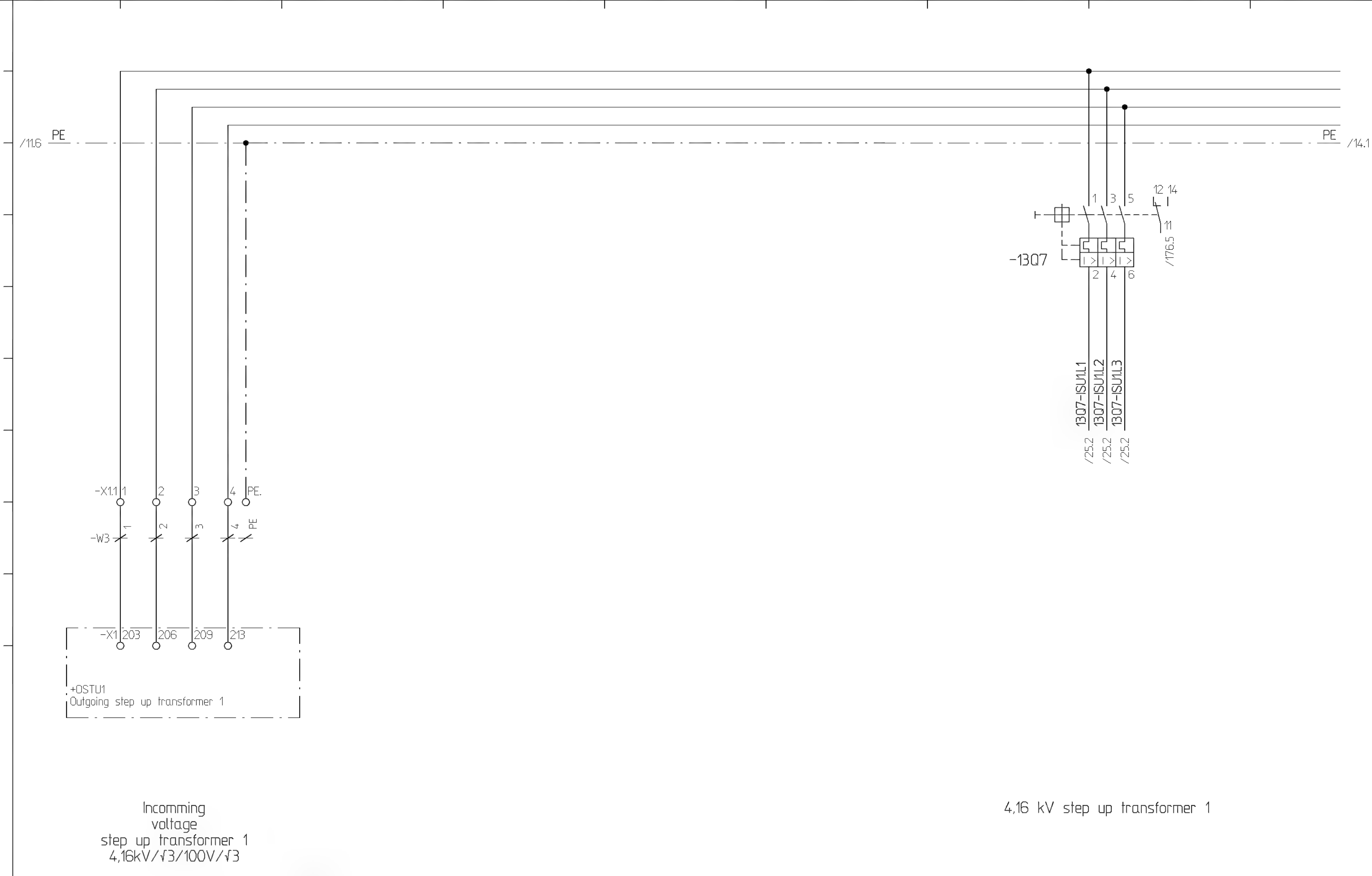


Bildbeschreibung IMAGE DESCRIPTION: Feeder 254V 60Hz for STU1

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		43730 / 437300	page 11 / 211 BL

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. Ers.f.	Ers.d. 11.09.03			page 12 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Inc. mains voltage step up tr. 1 4,16kV

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



Incoming
voltage
step up transformer 2
4,16kV/√3/100V/√3
extension

4,16 kV step up transformer 2
extension

Bildbeschreibung
IMAGE DESCRIPTION: Inc. mains voltage step up tr. 2 4,16kV

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 14 / 211 BL

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300
				Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03		

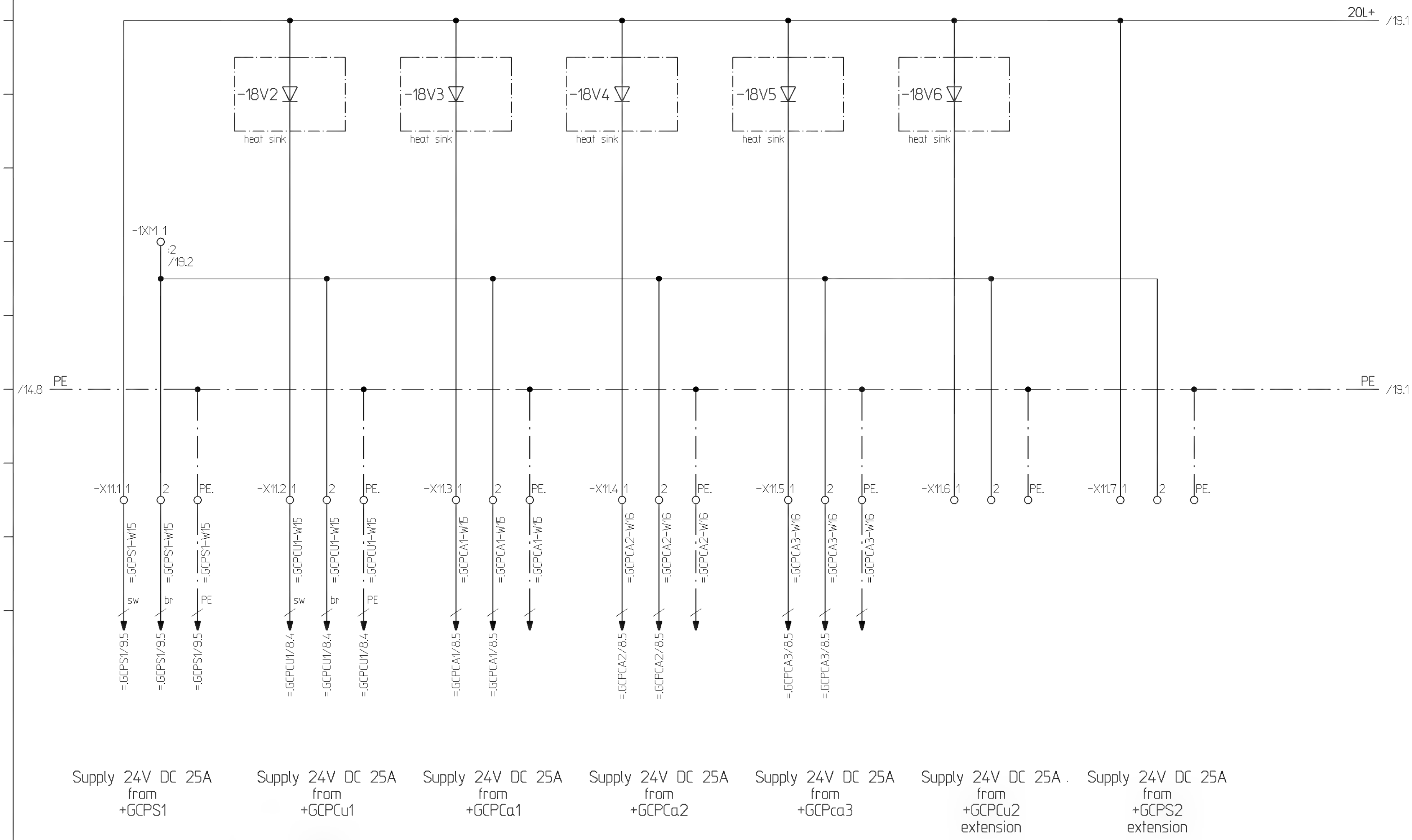
Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 16 / 211 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig.	Ersf.	Ers.d. 11.09.03		
				Norm	33					



Bildbeschreibung IMAGE DESCRIPTION: 24VDC supply from +GCP's

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 11.09.03

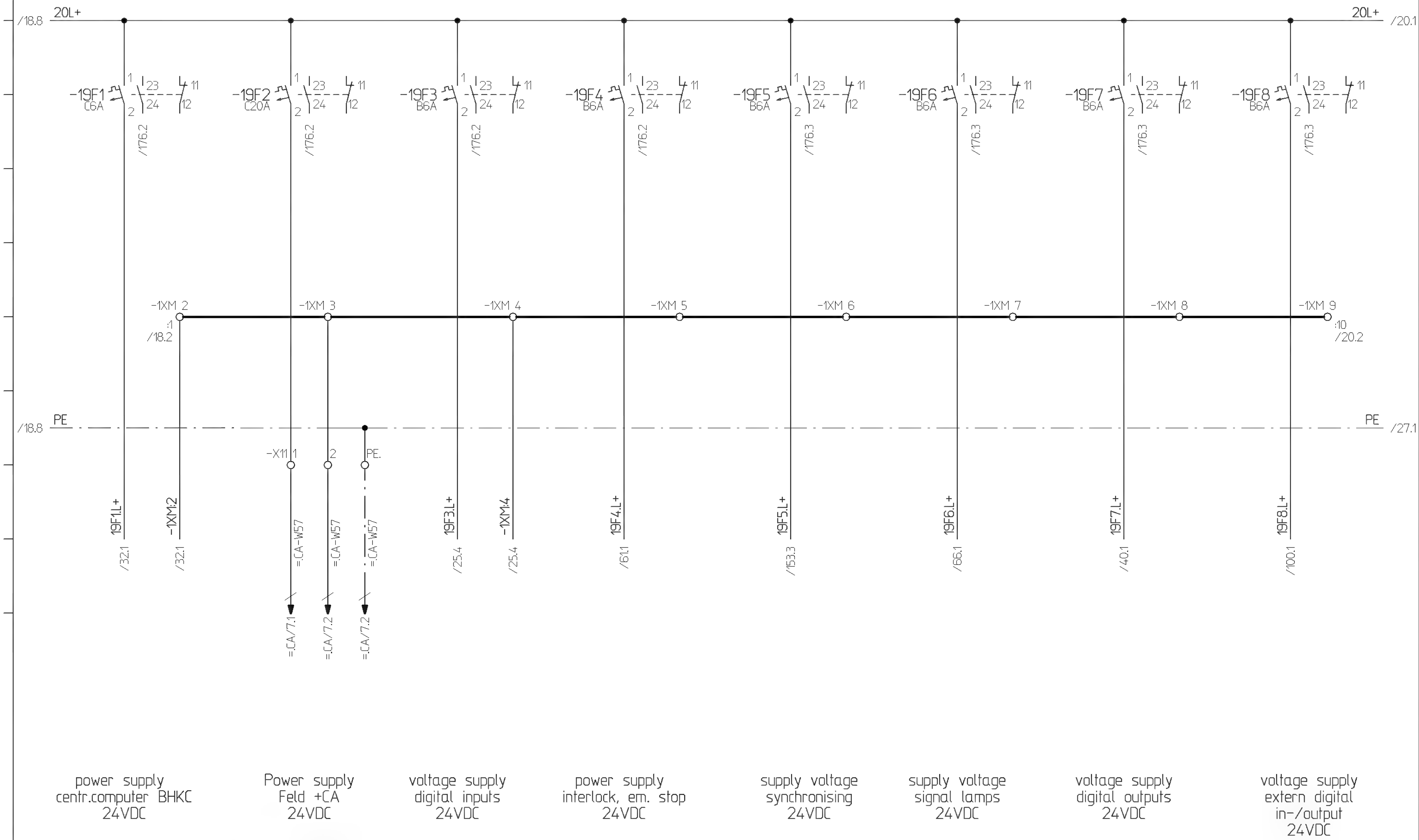
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



Bildbeschreibung / IMAGE DESCRIPTION: 24VDC supply feeders

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

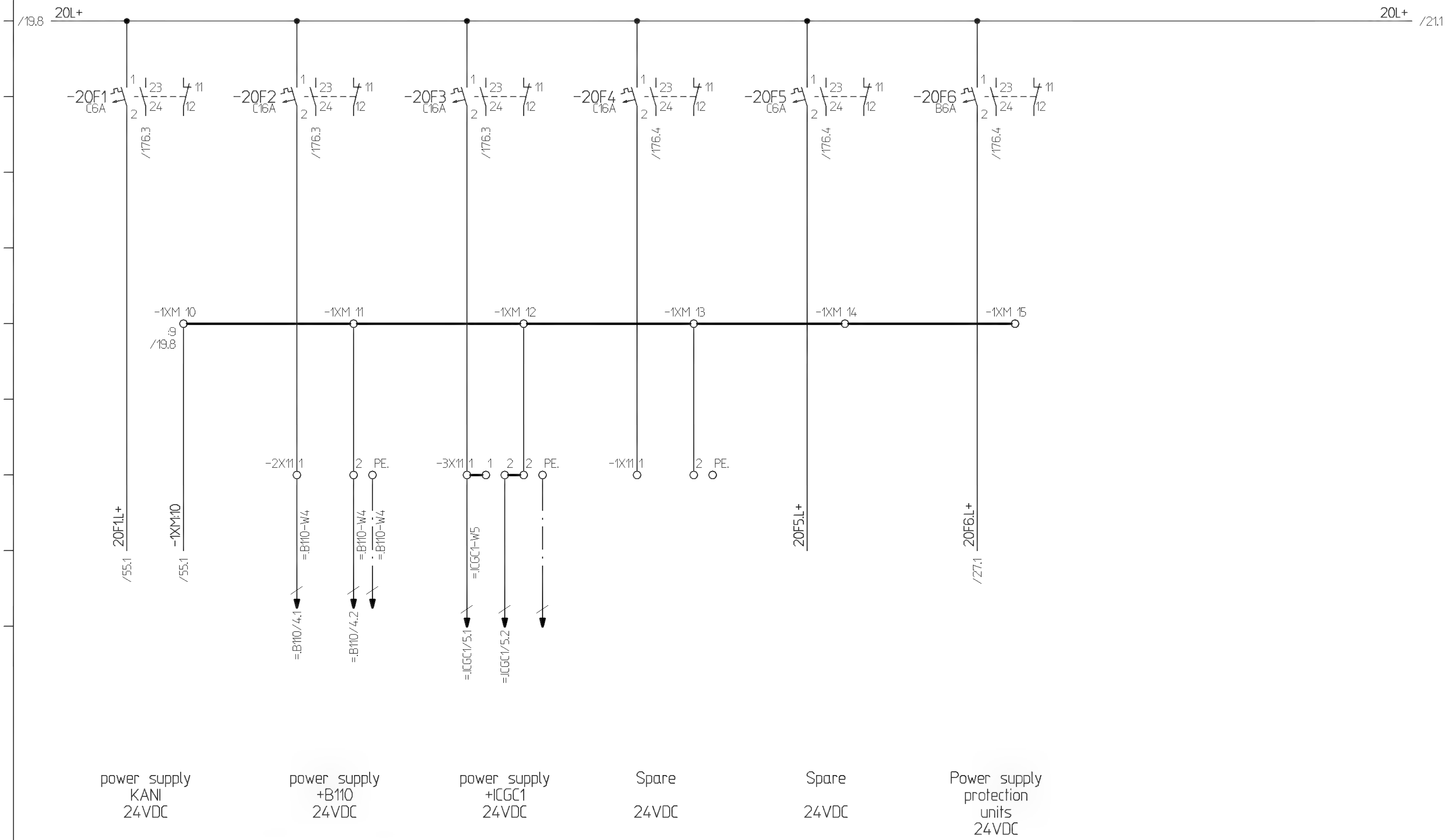
Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 | 437300

=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION

24VDC supply feeders

Index	changing	Date	name	Norm	33
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



voltage supply
spare
24VDC

Bildbeschreibung
IMAGE DESCRIPTION

24VDC supply feeders

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		43730 / 437300	page 22 / 211 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 23
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

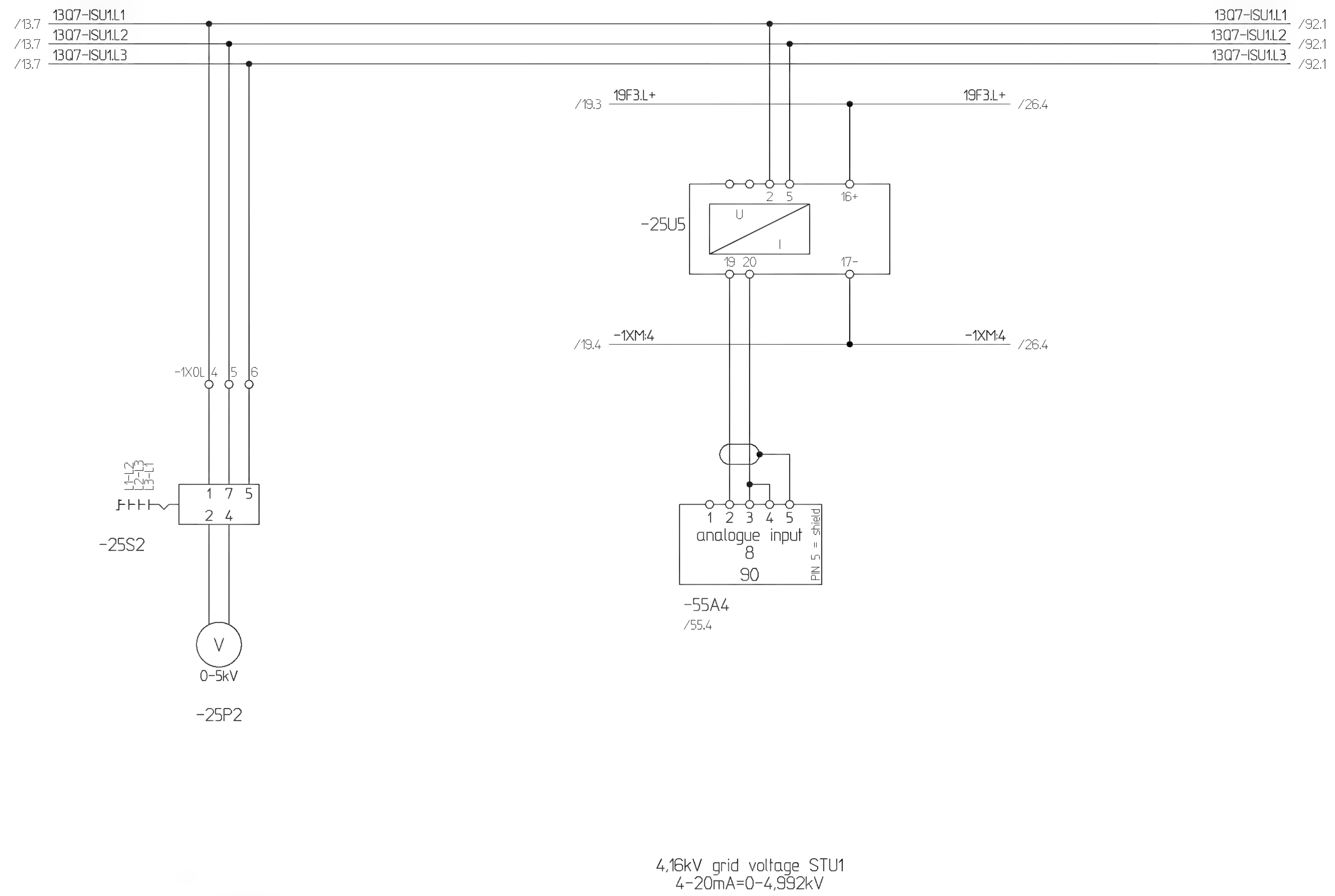
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

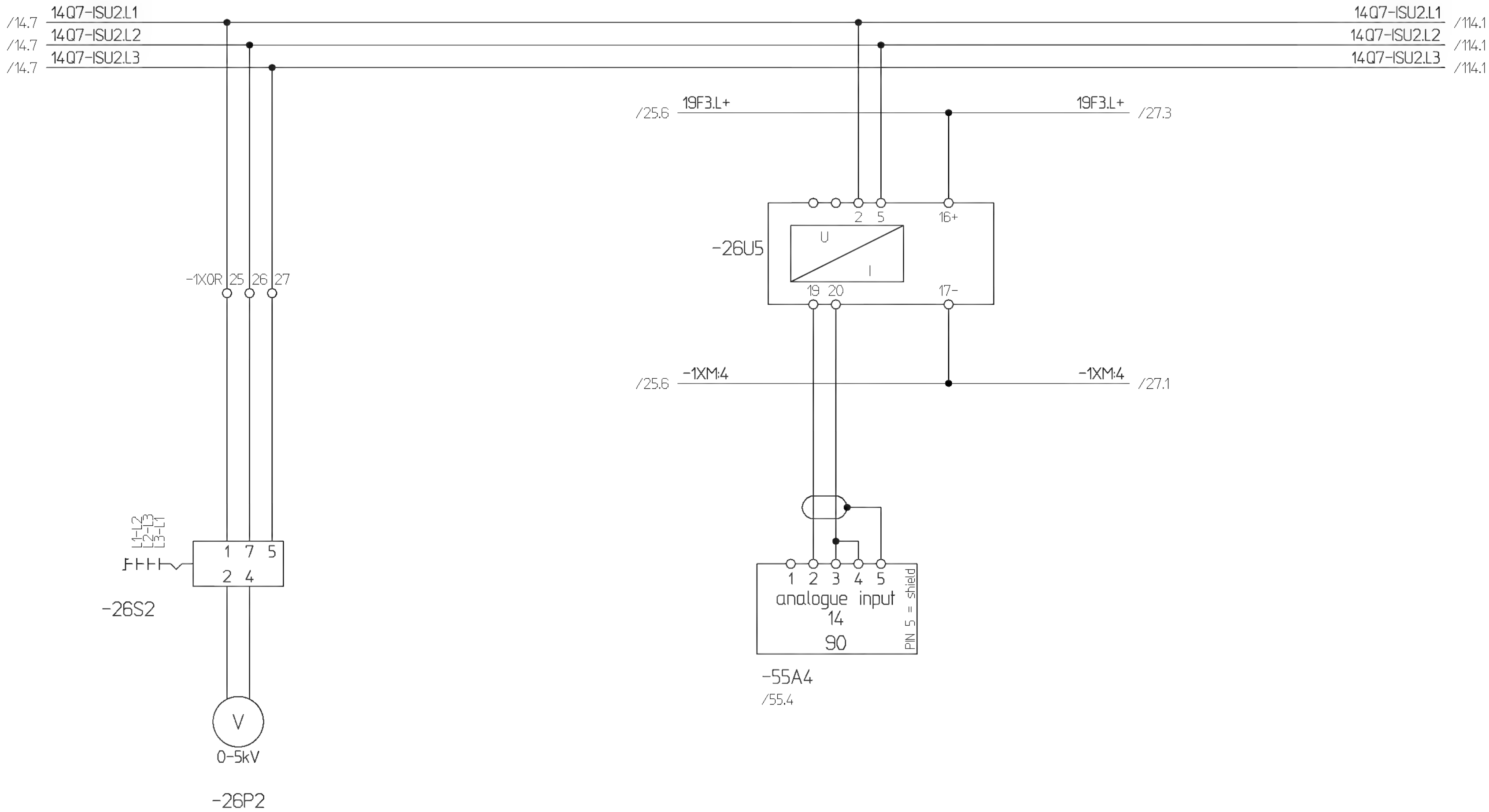
43730 | 437300

=DPP
+CCP



Bildbeschreibung IMAGE DESCRIPTION	Measuring grid voltage 4,16kV STU1

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig.	Ersf.	Ers.d. 11.09.03		page 25
				Norm	33					211 BL

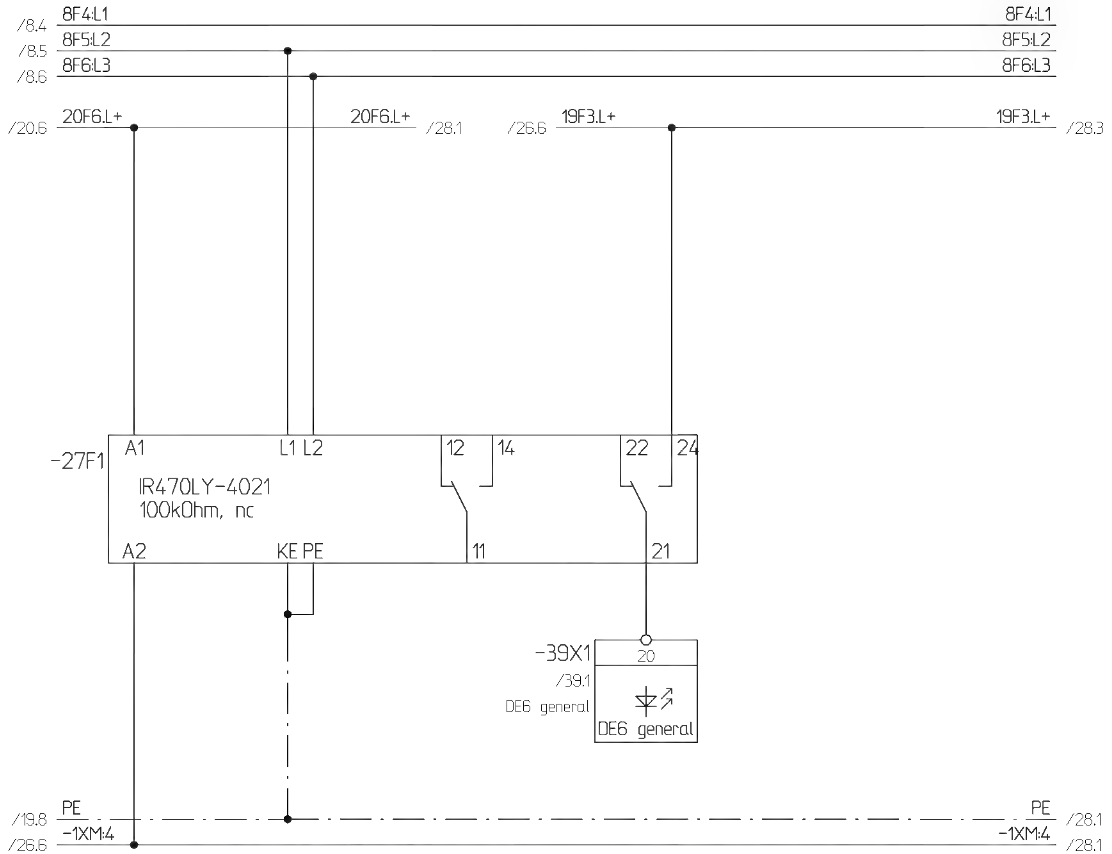


4,16kV grid voltage STU2
4-20mA=0-4,992kV

Bildbeschreibung
IMAGE DESCRIPTION

Measuring grid voltage 4,16kV STU2

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig. / Ers.f.	Ers.d. 11.09.03			page 26
				Norm	33					211 BL



Earth fault bus-bar gen. Ca.1-3 n.c.

Bildbeschreibung
IMAGE DESCRIPTION

Earth fault protection busbar CAT1-3

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

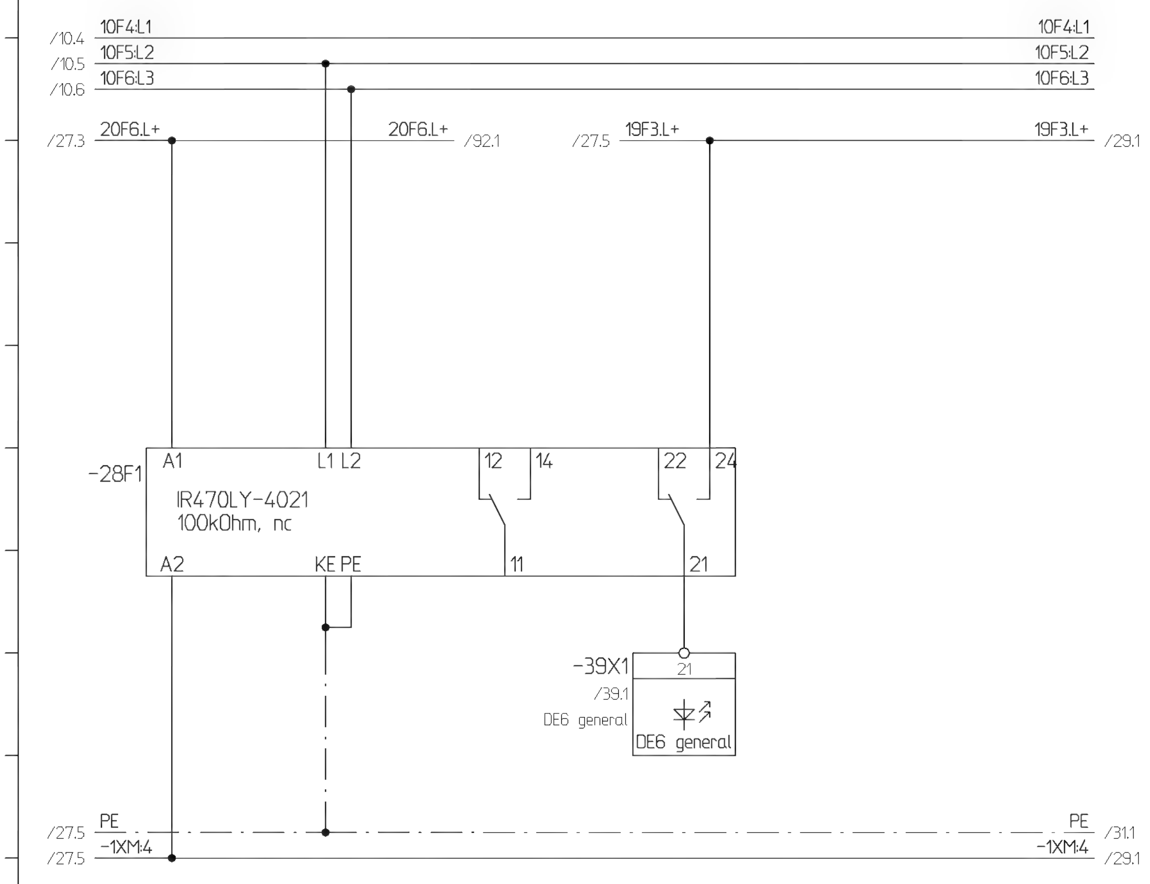
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

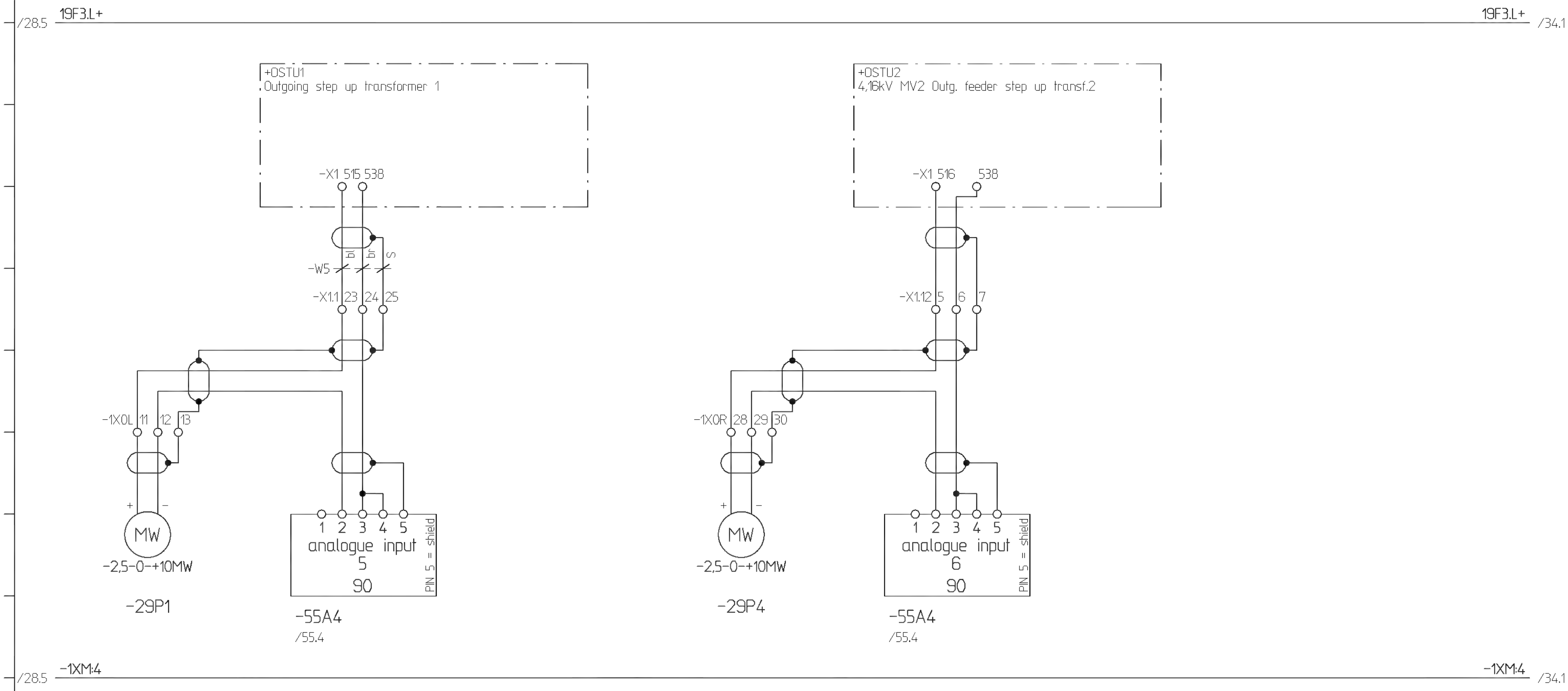
=DPP
+CCP



Earth fault bus-bar station tr. 1/2

Bildbeschreibung IMAGE DESCRIPTION	Earth fault protection busbar ST1/2

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 28 / 211 BL



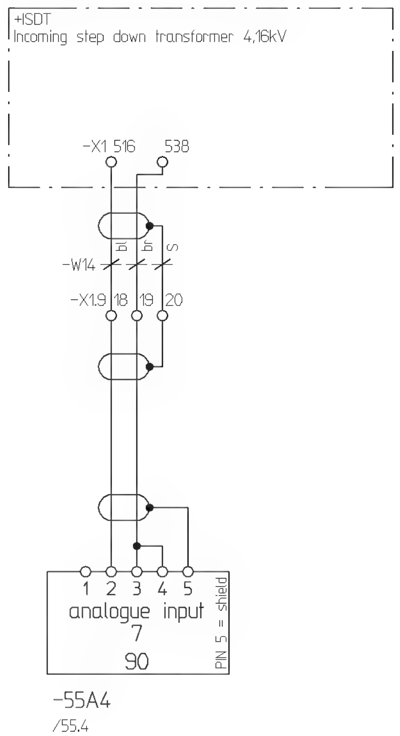
Active power STU1
4-20mA=-2,5-0-+10MW (-250-+1000)

Active power STU2 extension
4-20mA=-2,5-0-+10MW (-250-+1000)

Bildbeschreibung
IMAGE DESCRIPTION

Measuring power STU1-2

				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300	page 29
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03			211 BL



Active power SDT
4-20mA=-1,15-0-+4,6MW (-1150-+4600)

Bildbeschreibung / IMAGE DESCRIPTION: spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

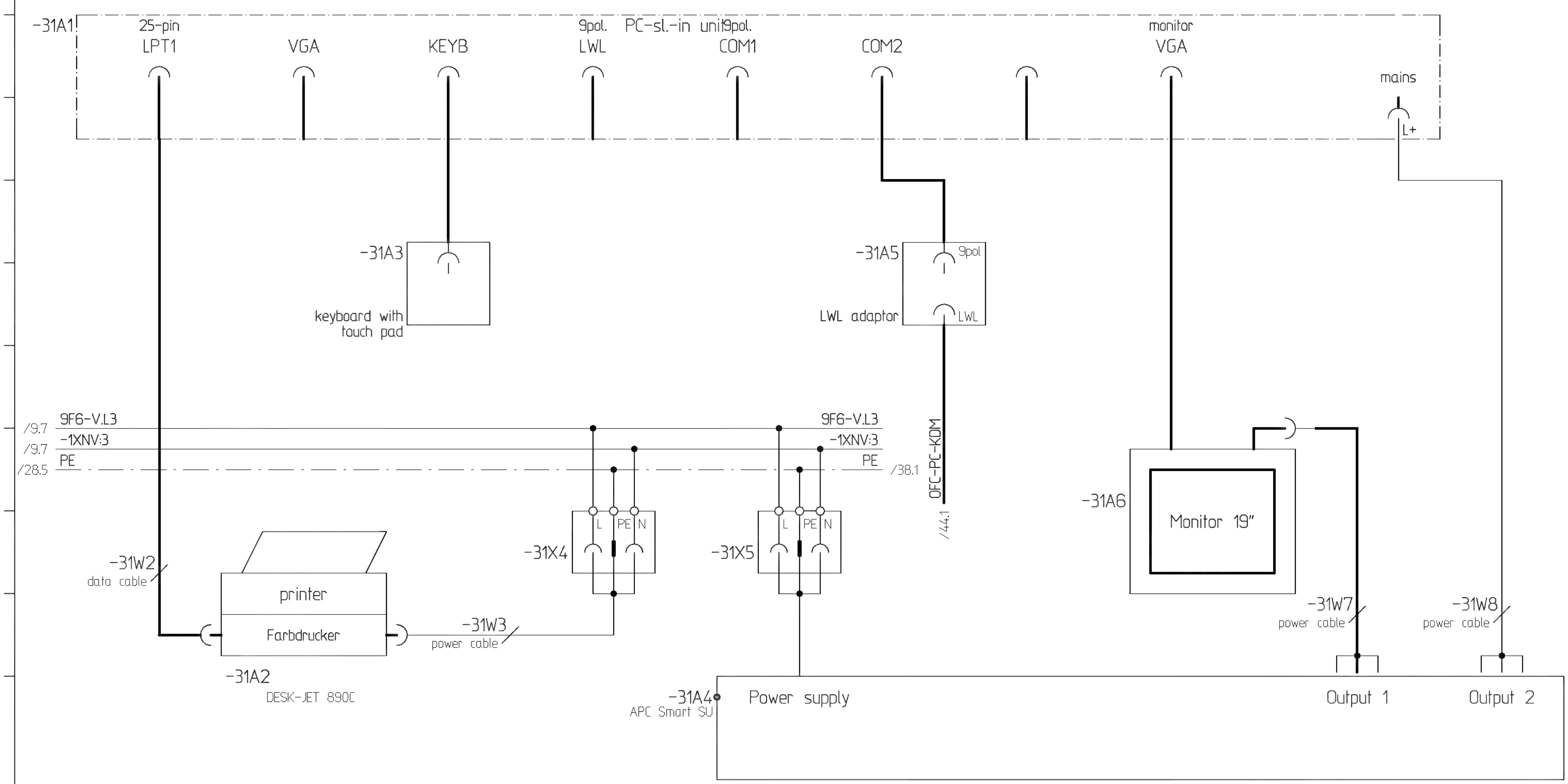
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

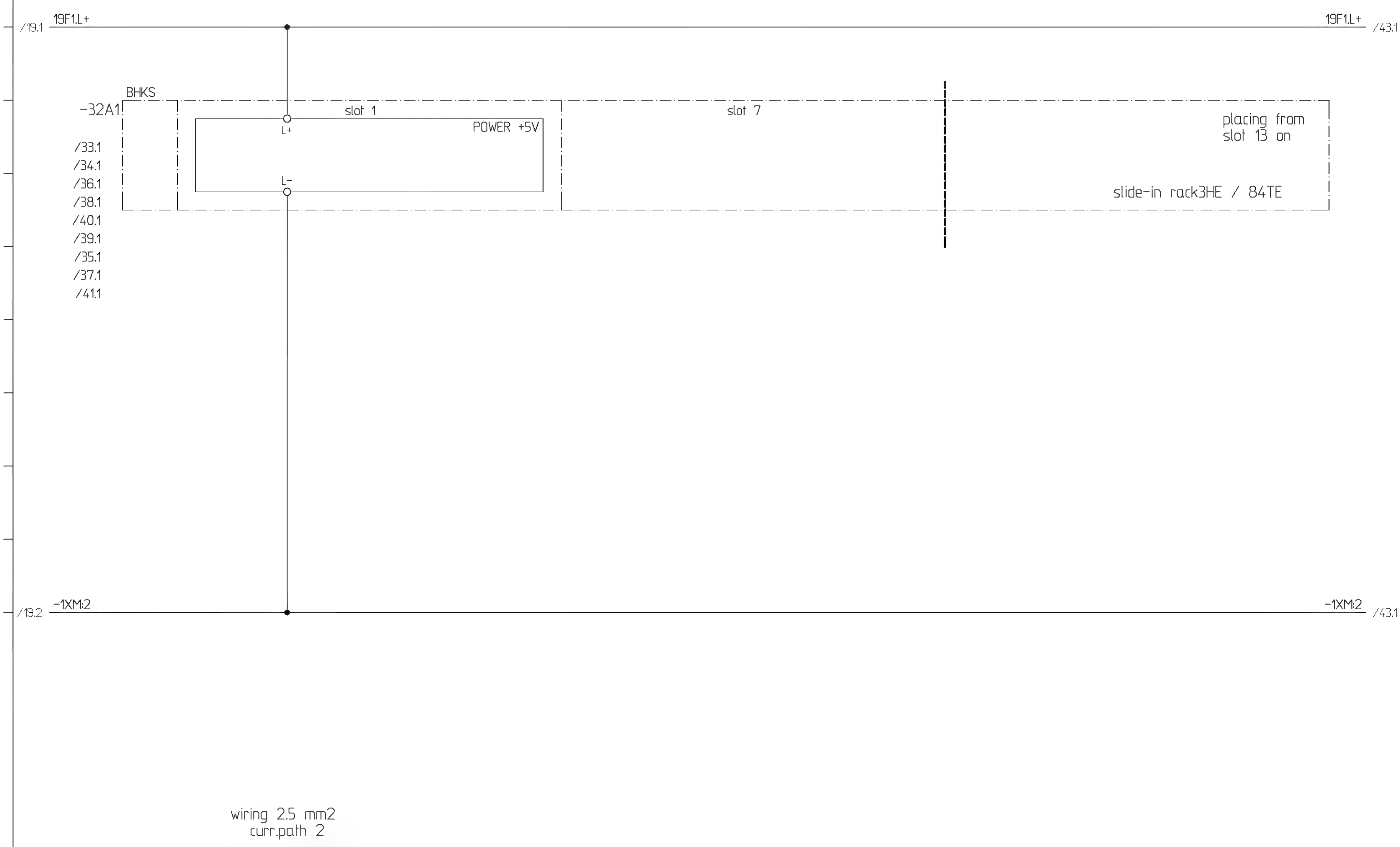
=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION

PC external

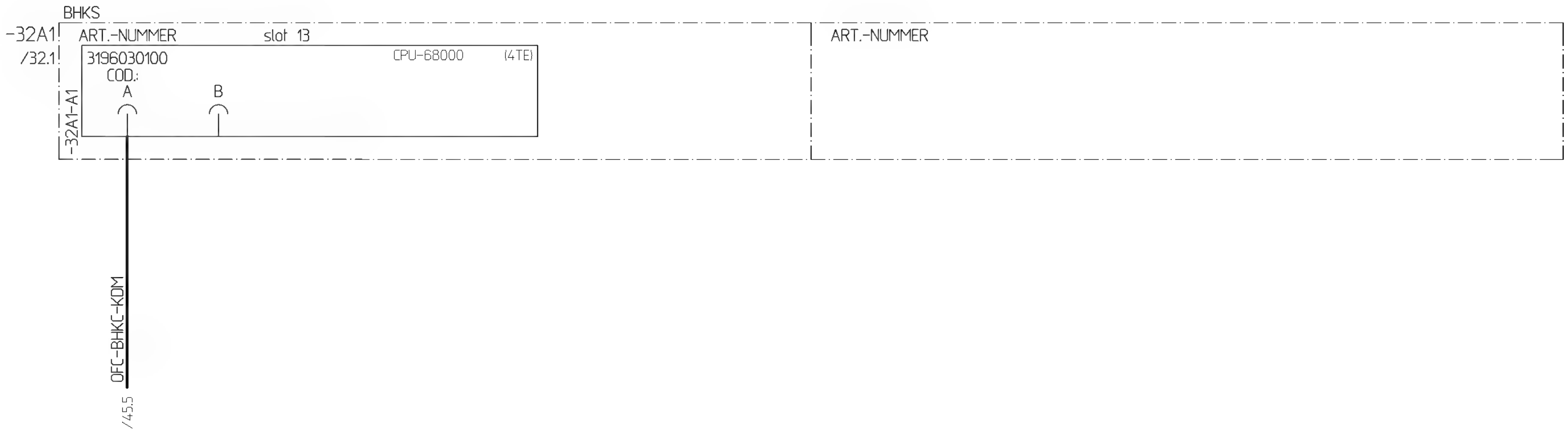
			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
			Desig.	A. Stellmann						
			Check	A. Stellmann				43730	437300	page 31
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03		211 BL



Bildbeschreibung
IMAGE DESCRIPTION

BHKS 68000 STPL 01-07, power supply unit

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 32 / 211 BL



Bildbeschreibung IMAGE DESCRIPTION: BHKS 68000 slot13-17, CPU

Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03

Date: 08.07.03 · Desig.: A. Stellmann · Check: A. Stellmann

Elektrim-MEGADEX
Monde Energy Philippines

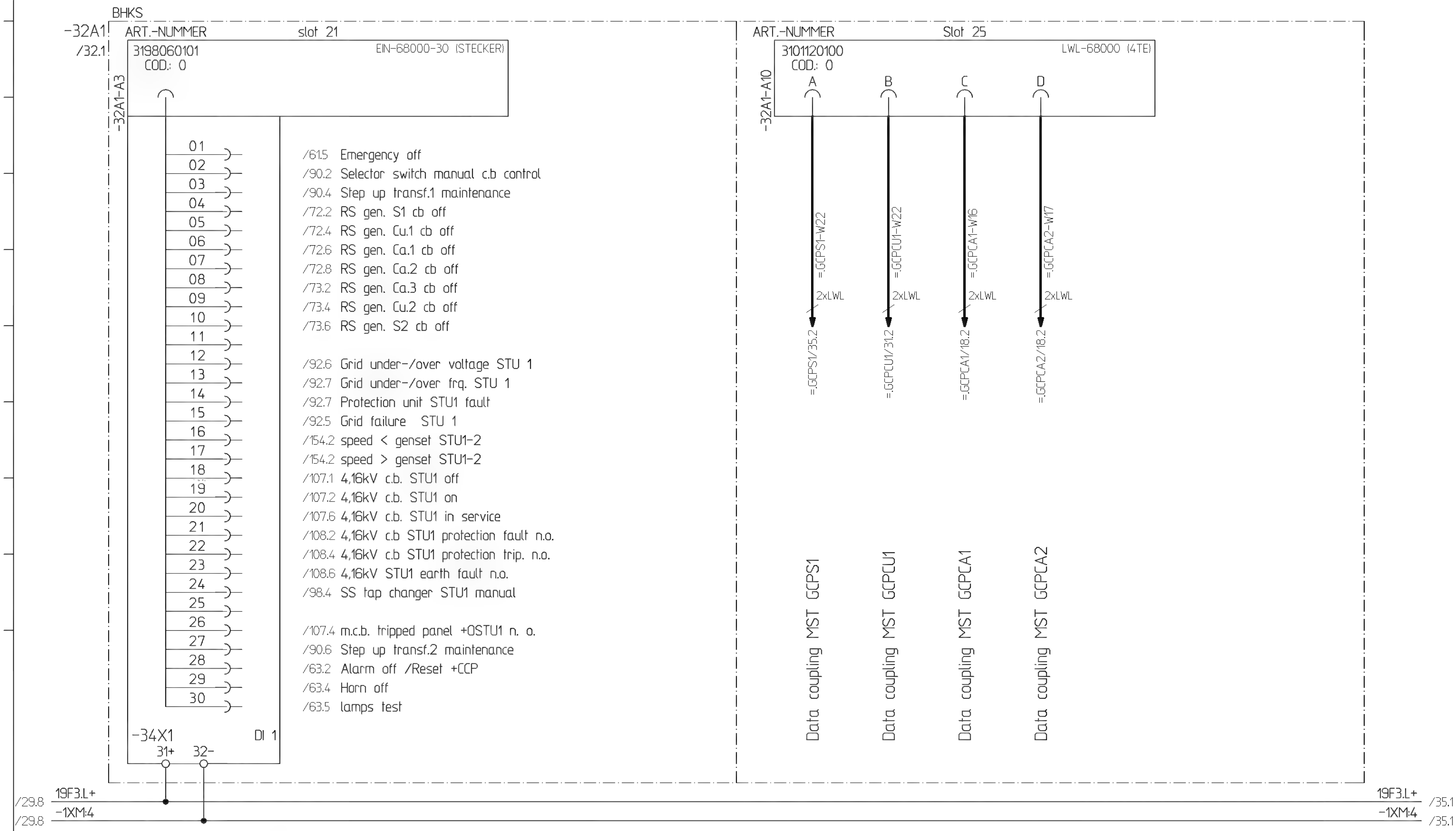
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 · 437300

=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION
BHKS 68000 slot 21-25, DI1, OFC1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 11.09.03

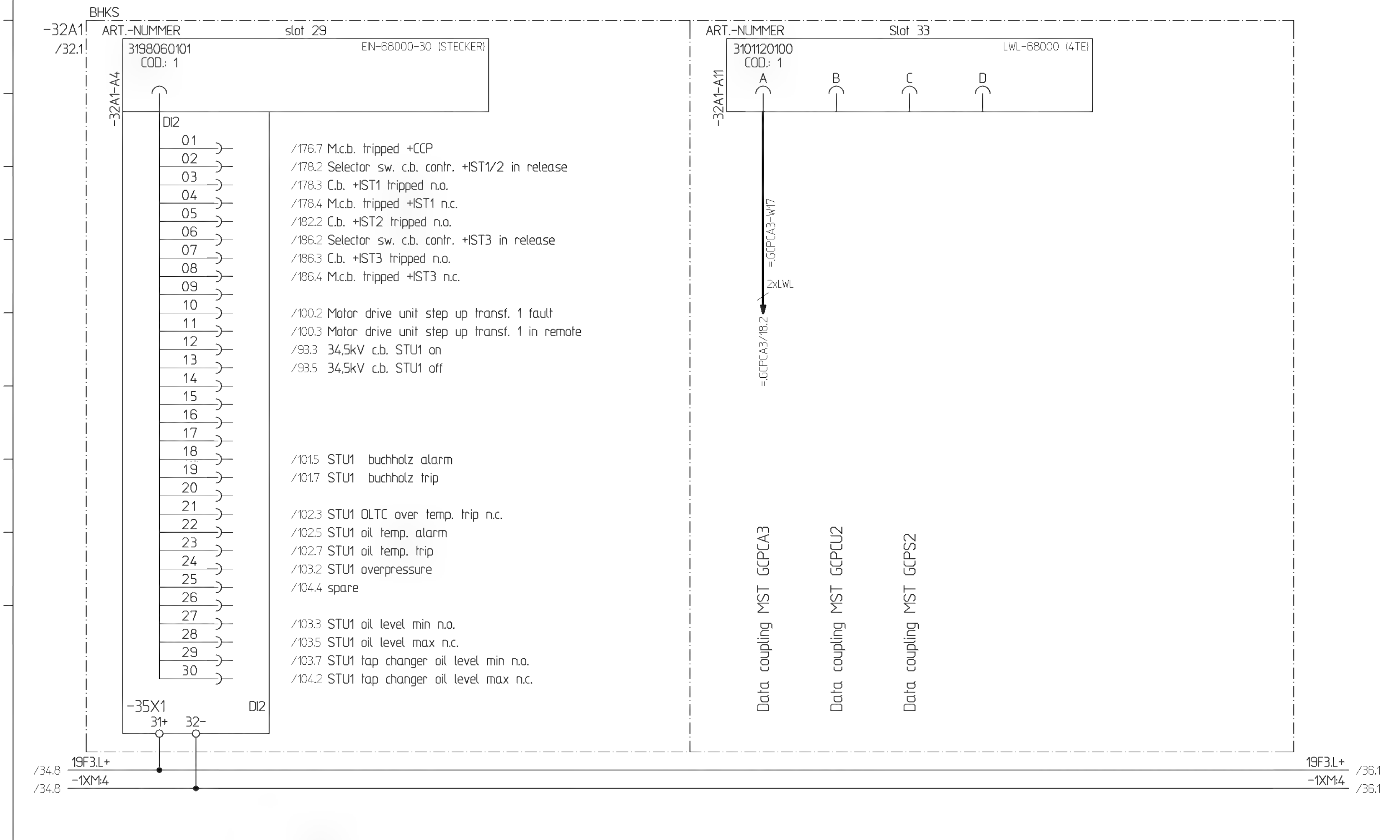
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

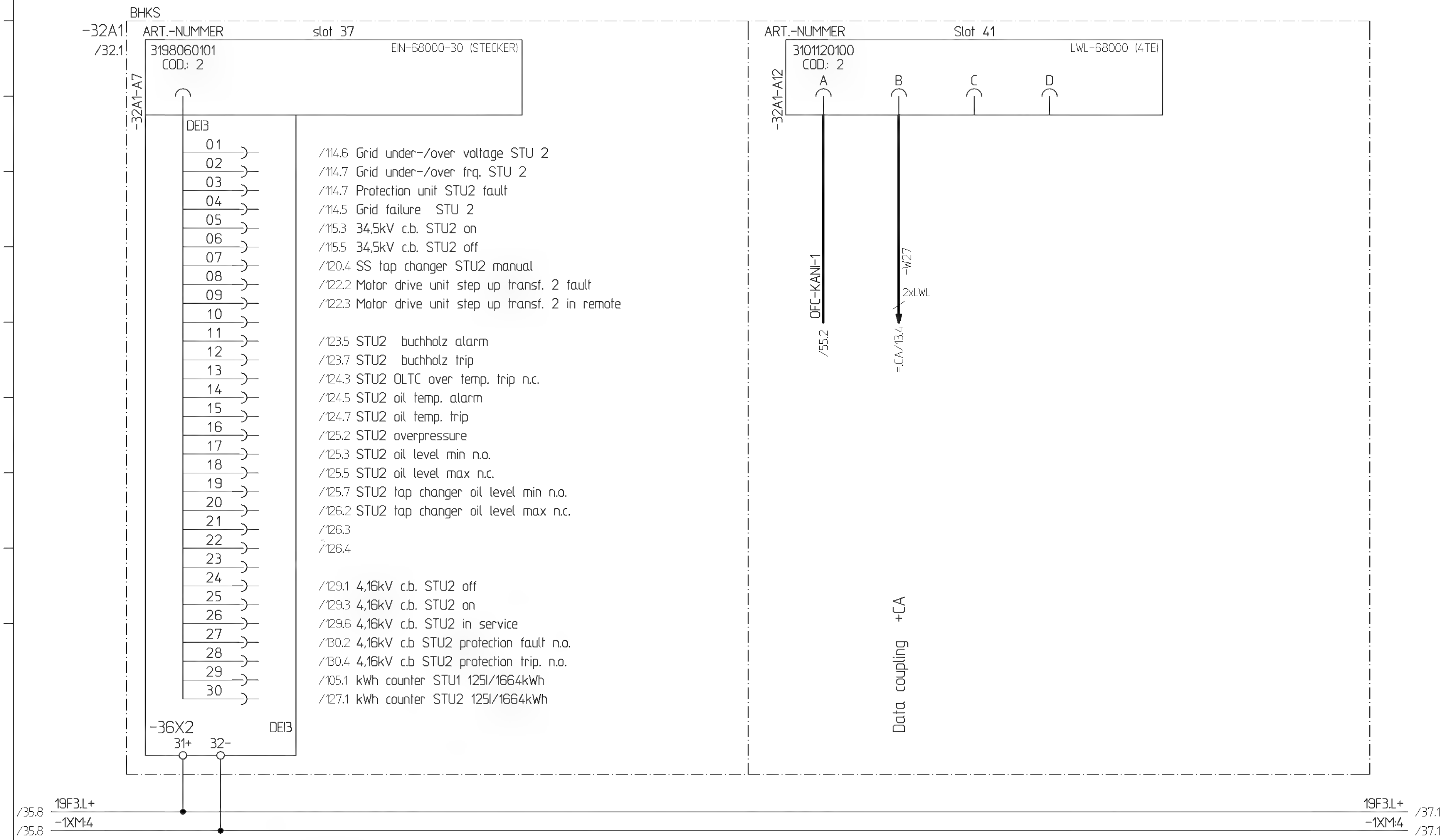
43730 | 437300

=DPP
+CCP



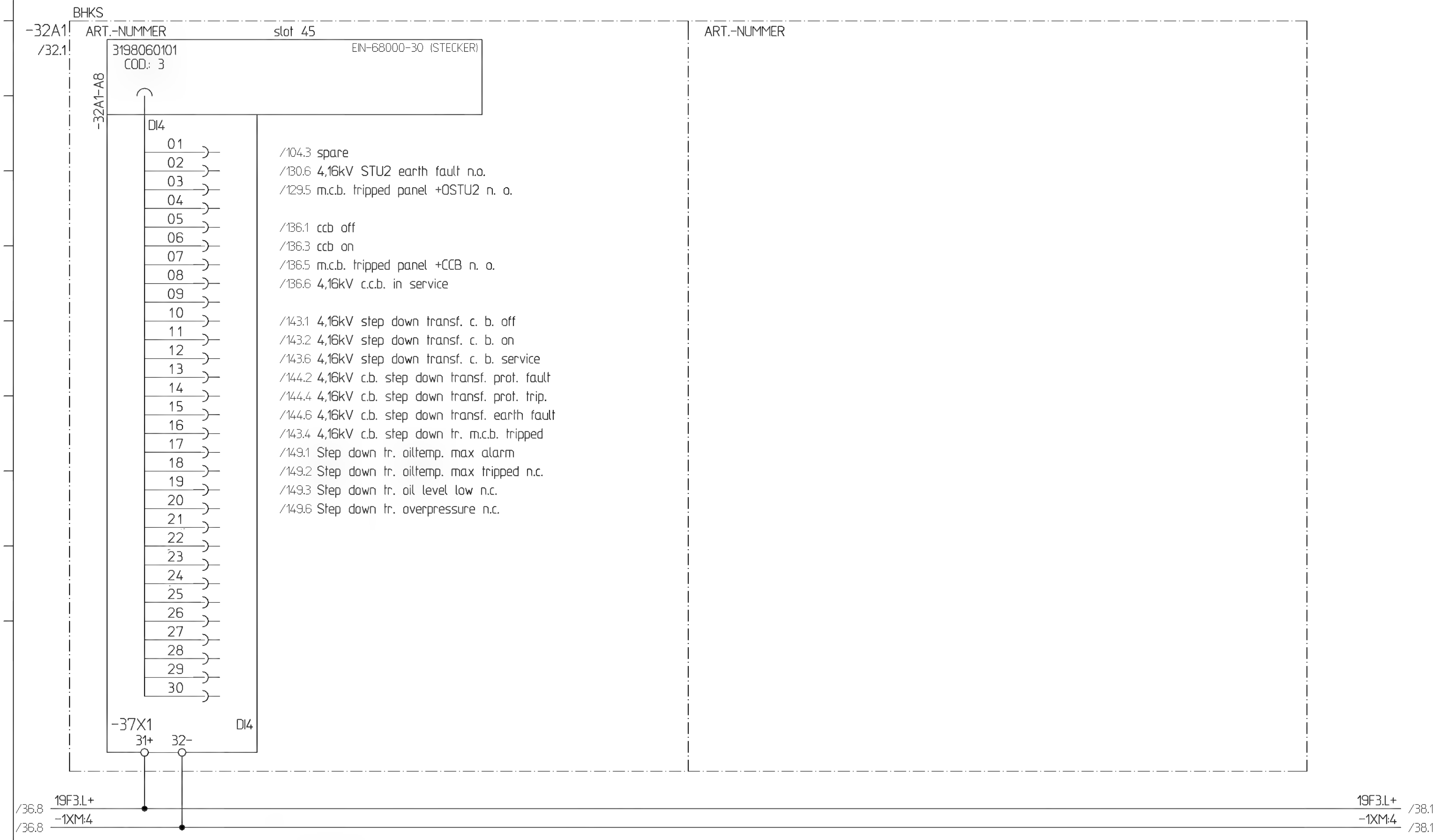
Bildbeschreibung
IMAGE DESCRIPTION
BHKS 68000 slot 29-33, DI2, OFC2

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann					43730	437300	page 35 / 211 BL
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03			



Bildbeschreibung IMAGE DESCRIPTION: BHKS 68000 slot 37-41, DI3, OFC3

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730 / 437300	page 36
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL



Bildbeschreibung
IMAGE DESCRIPTION

BHKS 68000 slot 45-49, DI4

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



Bildbeschreibung / IMAGE DESCRIPTION: BHKS 68000 slot 53-57, DI5

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

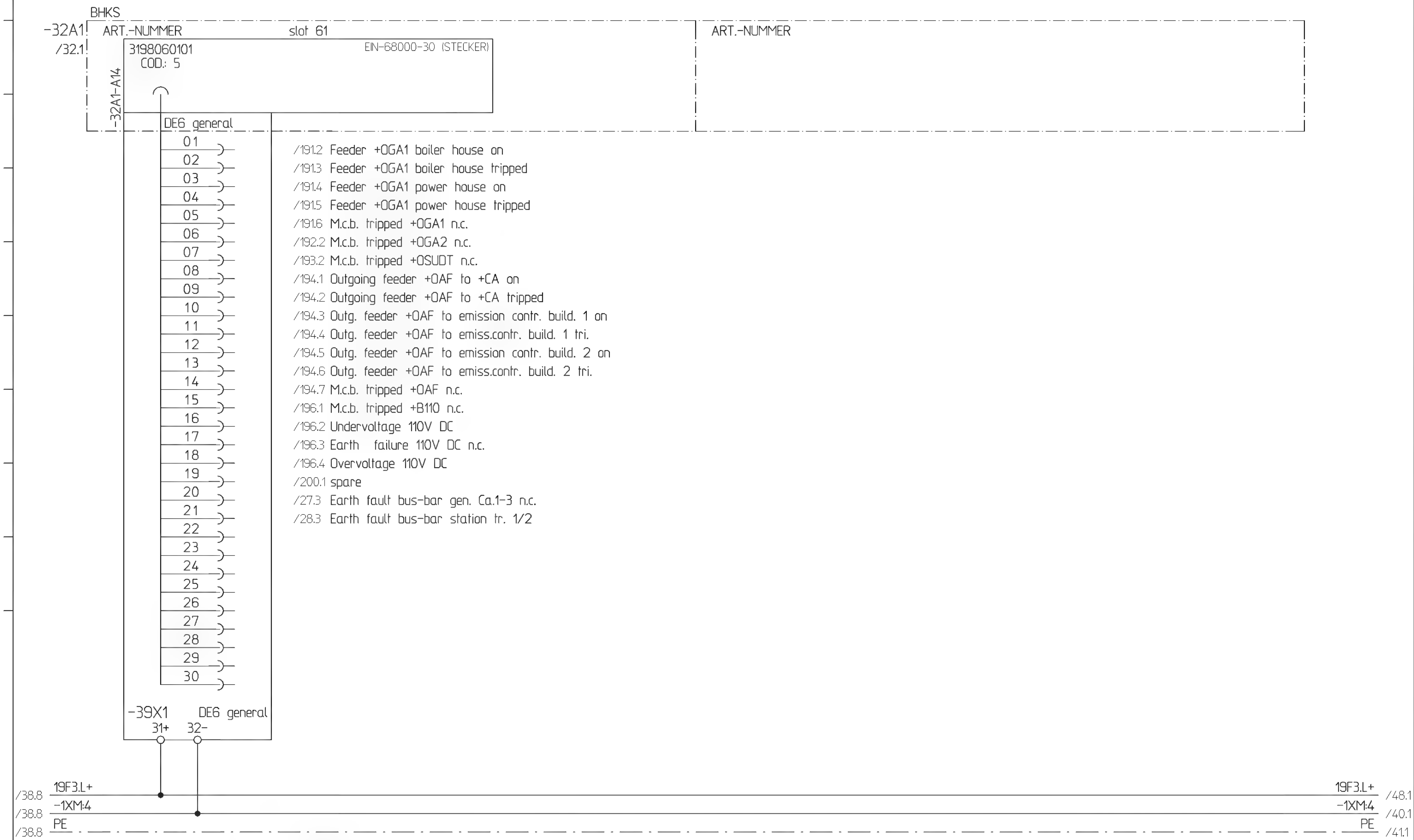
Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 | 437300

=DPP
+CCP



Bildbeschreibung IMAGE DESCRIPTION: BHKS 68000 slot 61-65, DI6

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

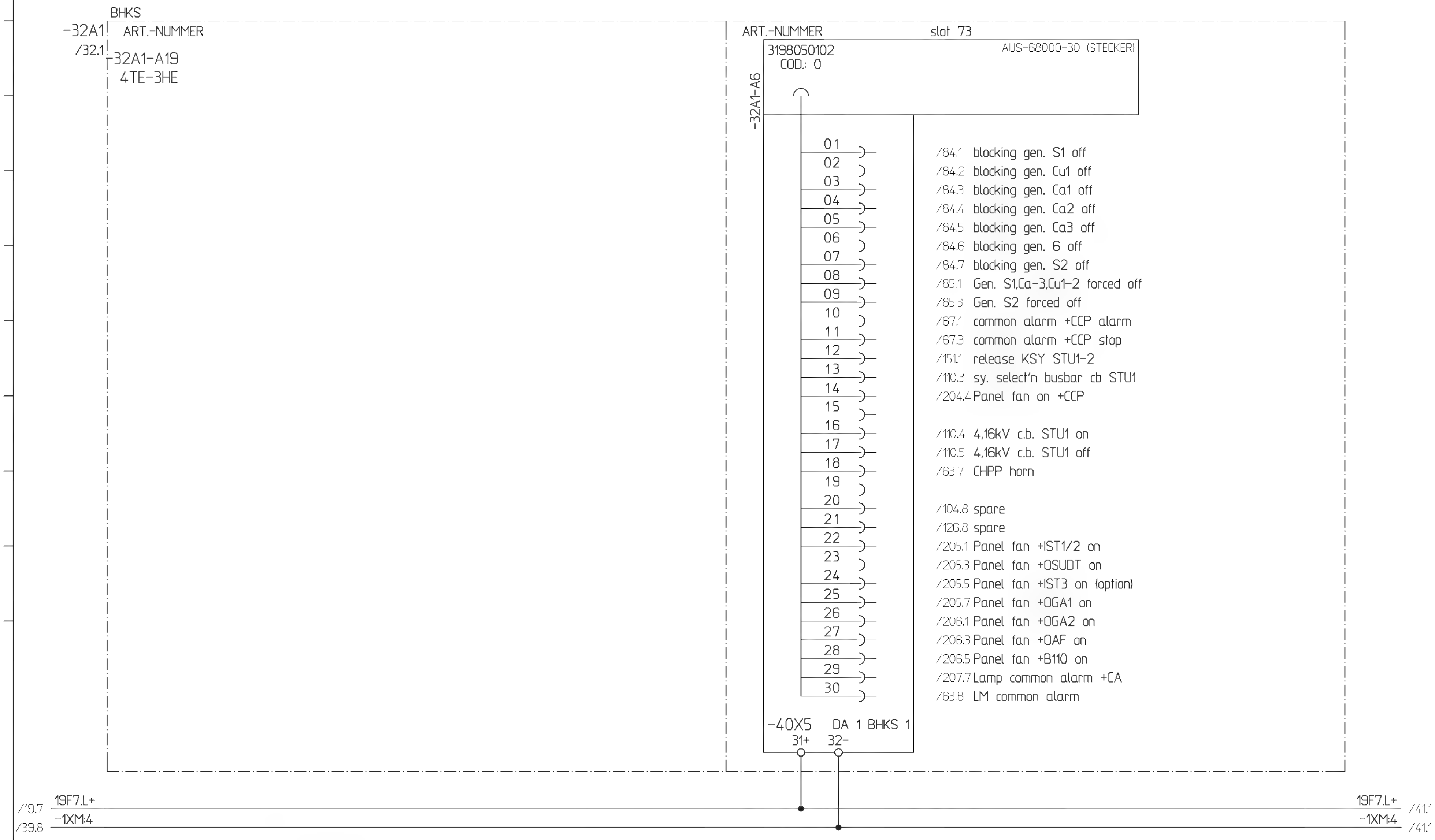
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

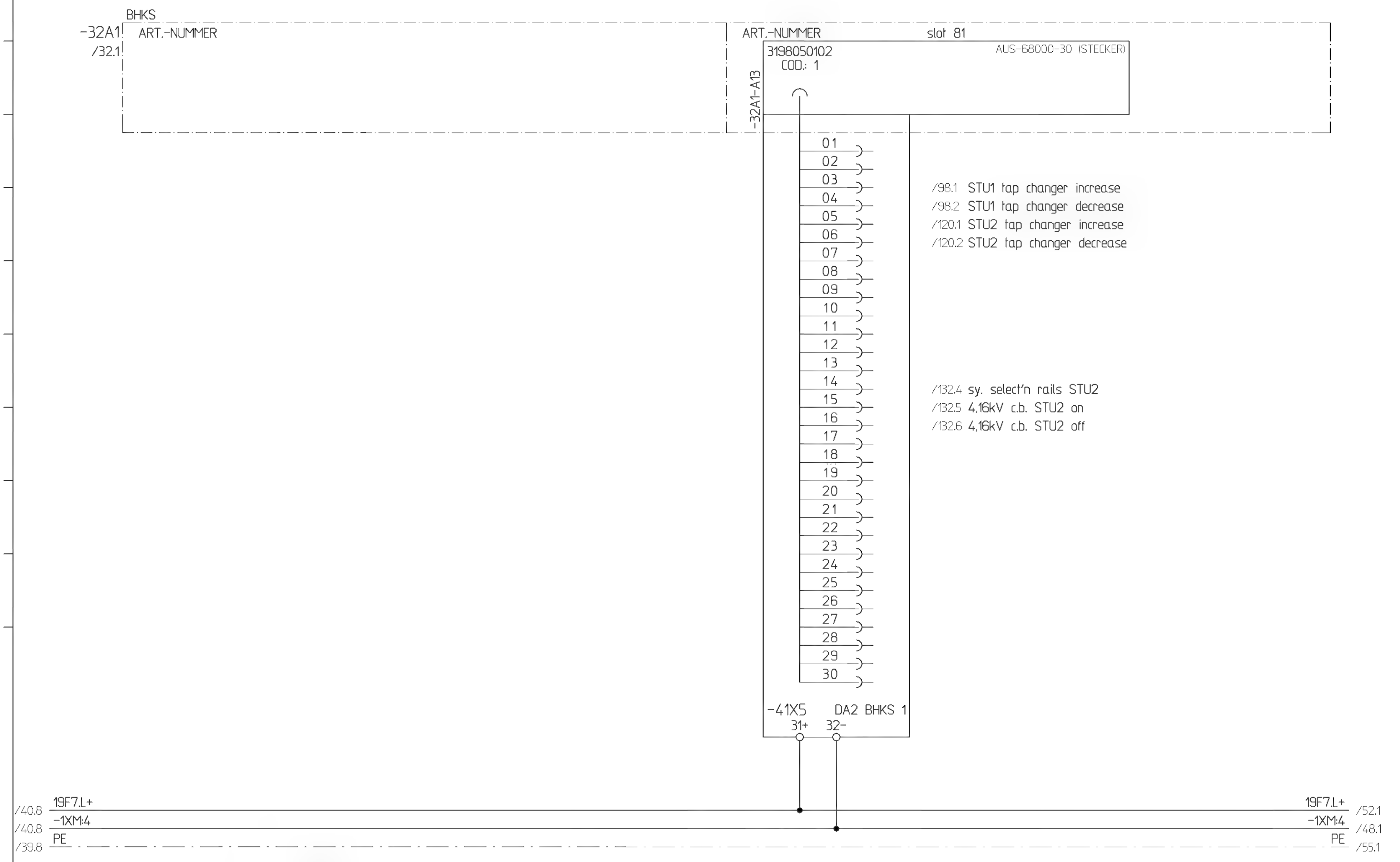
=DPP
+CCP



Bildbeschreibung IMAGE DESCRIPTION: BHKS 68000 slot 69-73, D01

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann				43730	437300
Check	A. Stellmann					page 40
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL

Index | changing | Date | name



Bildbeschreibung
IMAGE DESCRIPTION
BHKS 68000 slot 77-81, D02

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

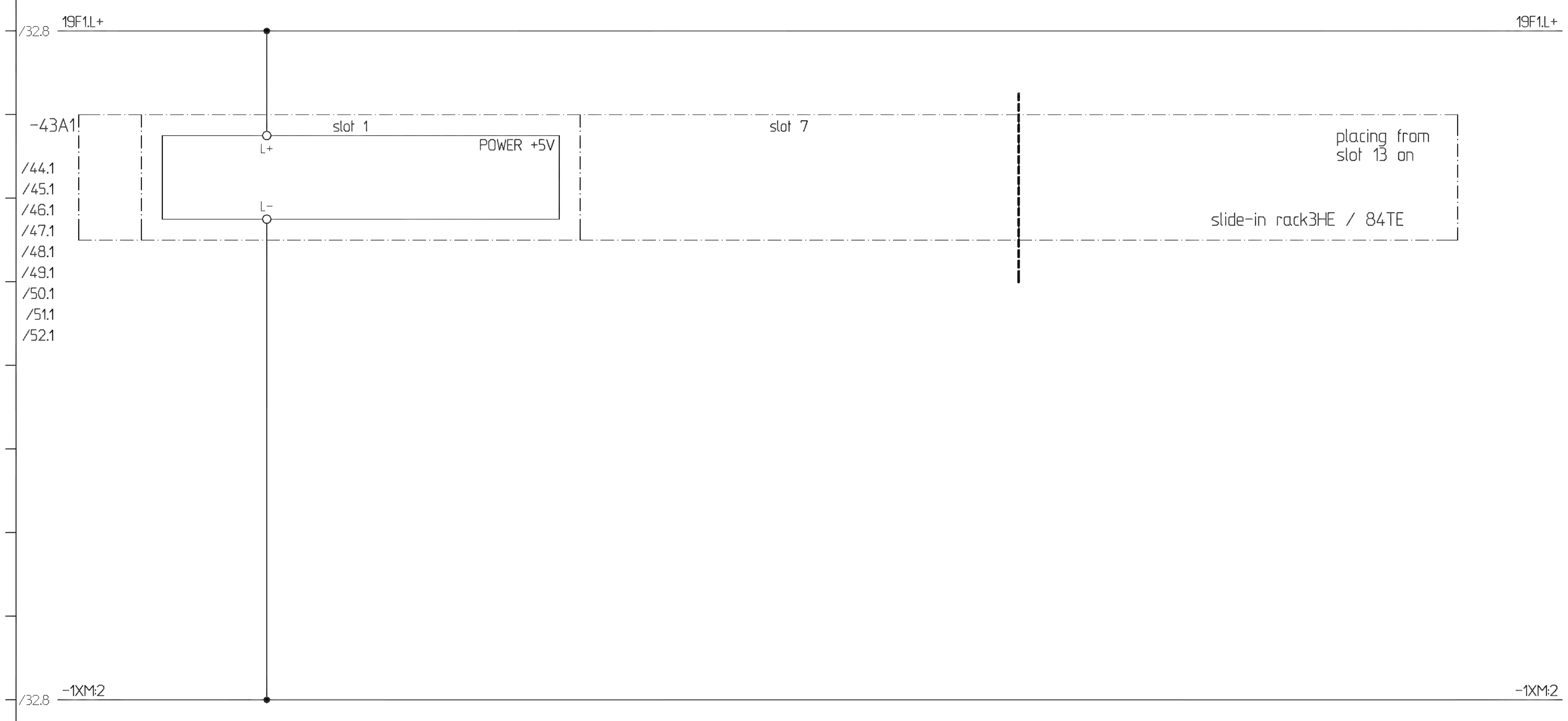
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



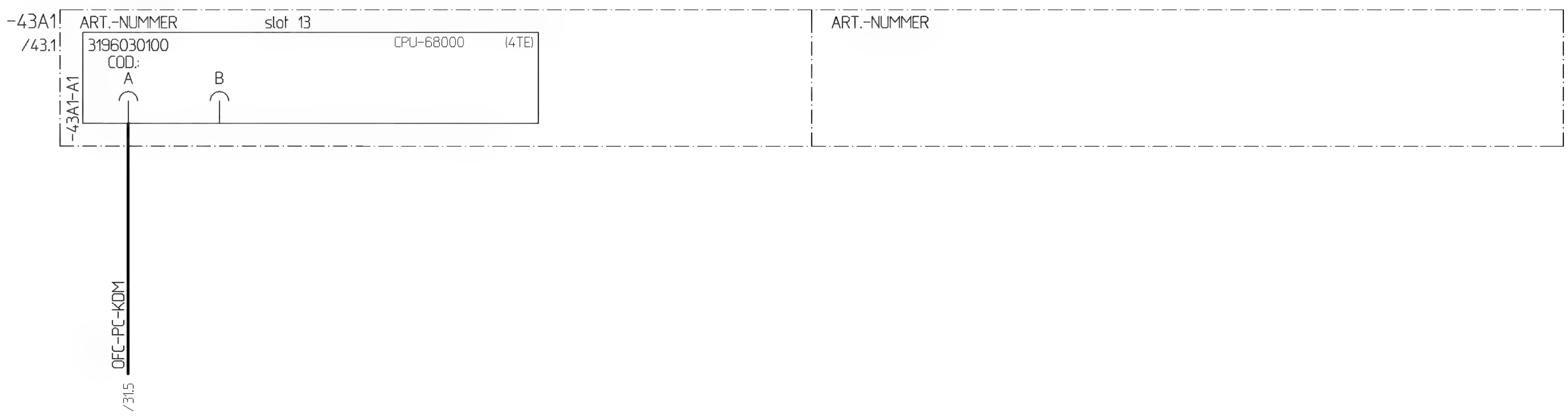
wiring 2.5 mm2
curr.path 2

Bildbeschreibung
IMAGE DESCRIPTION

KDM power supply unit SLOT 01

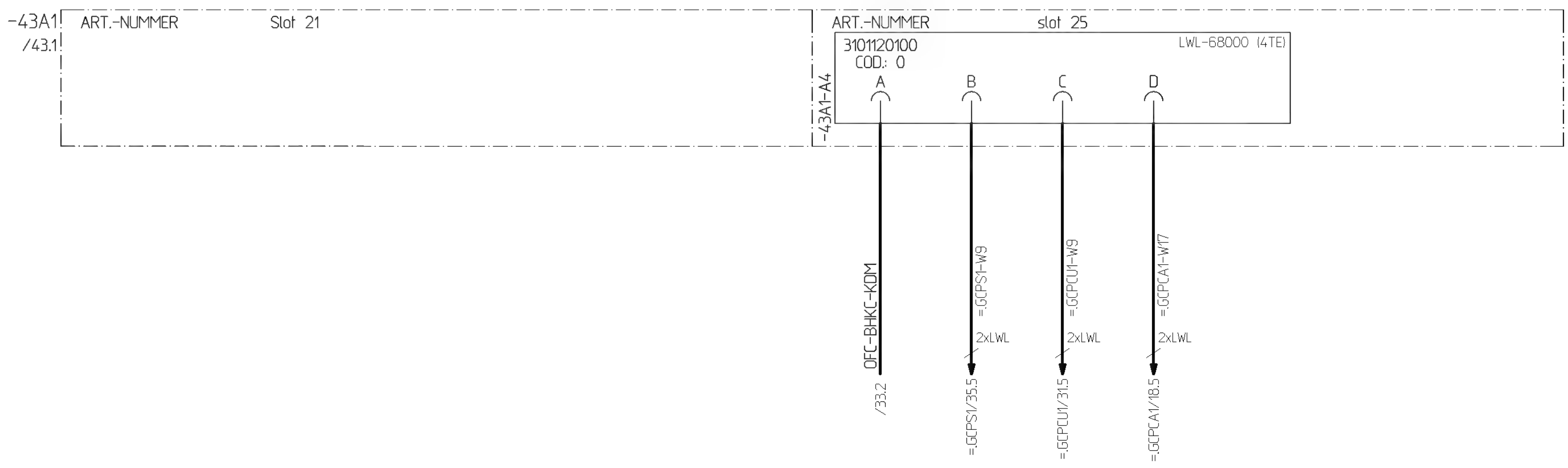
Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730 / 437300	page 43
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL

Index	changing	Date	name



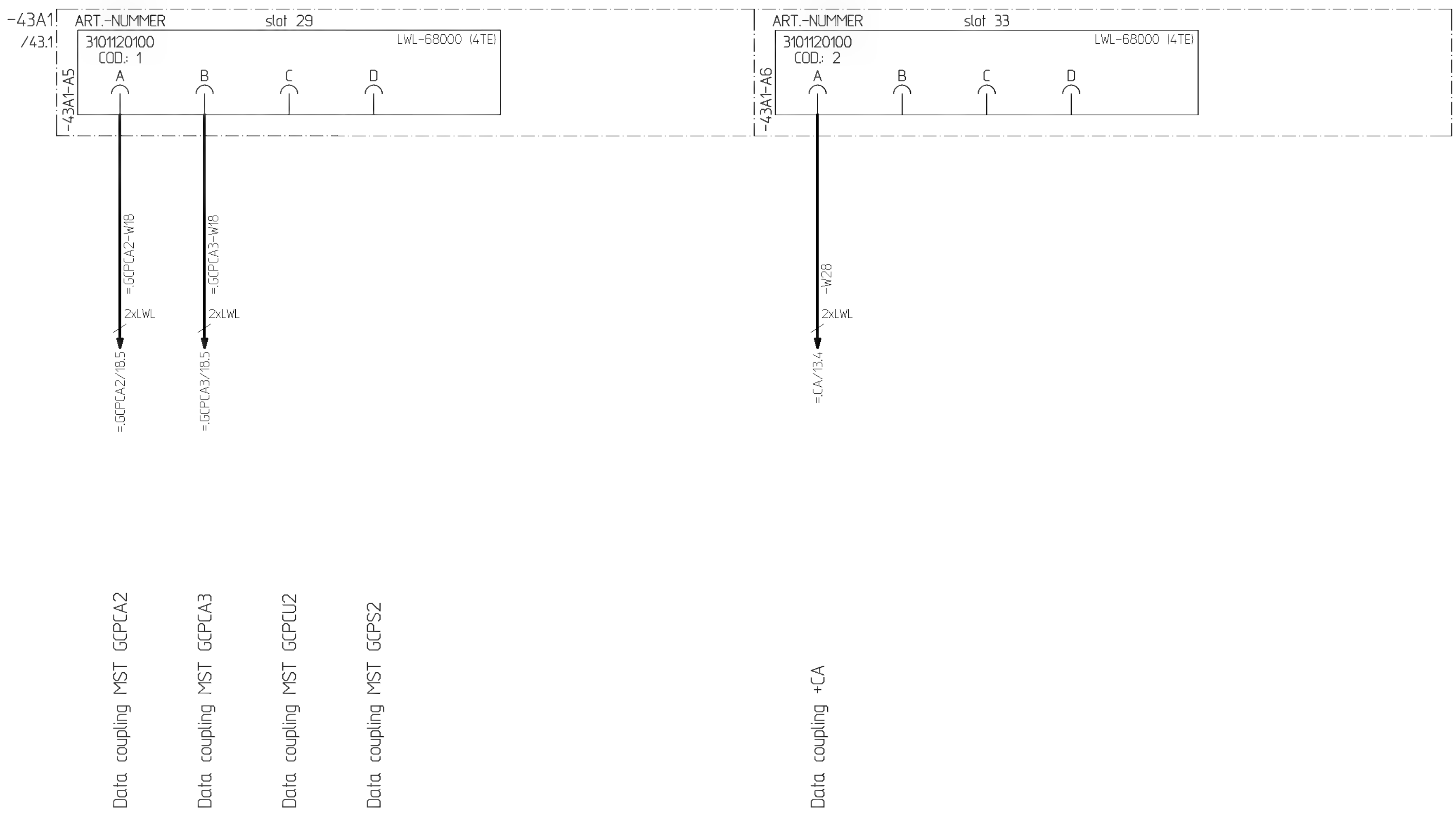
Bildbeschreibung IMAGE DESCRIPTION: KDM slot 13-17, CPU

Index	changing	Date	name				
Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
Desig.	A. Stellmann						
Check	A. Stellmann				43730	437300	page 44 / 211 BL
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03				



Bildbeschreibung / IMAGE DESCRIPTION: KDM slot 21-25, OFC1

			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann					
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03	43730 | 437300 | page 45 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

KDM SLOT 29-33 OFC2, OFC3

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 46 / 211 BL

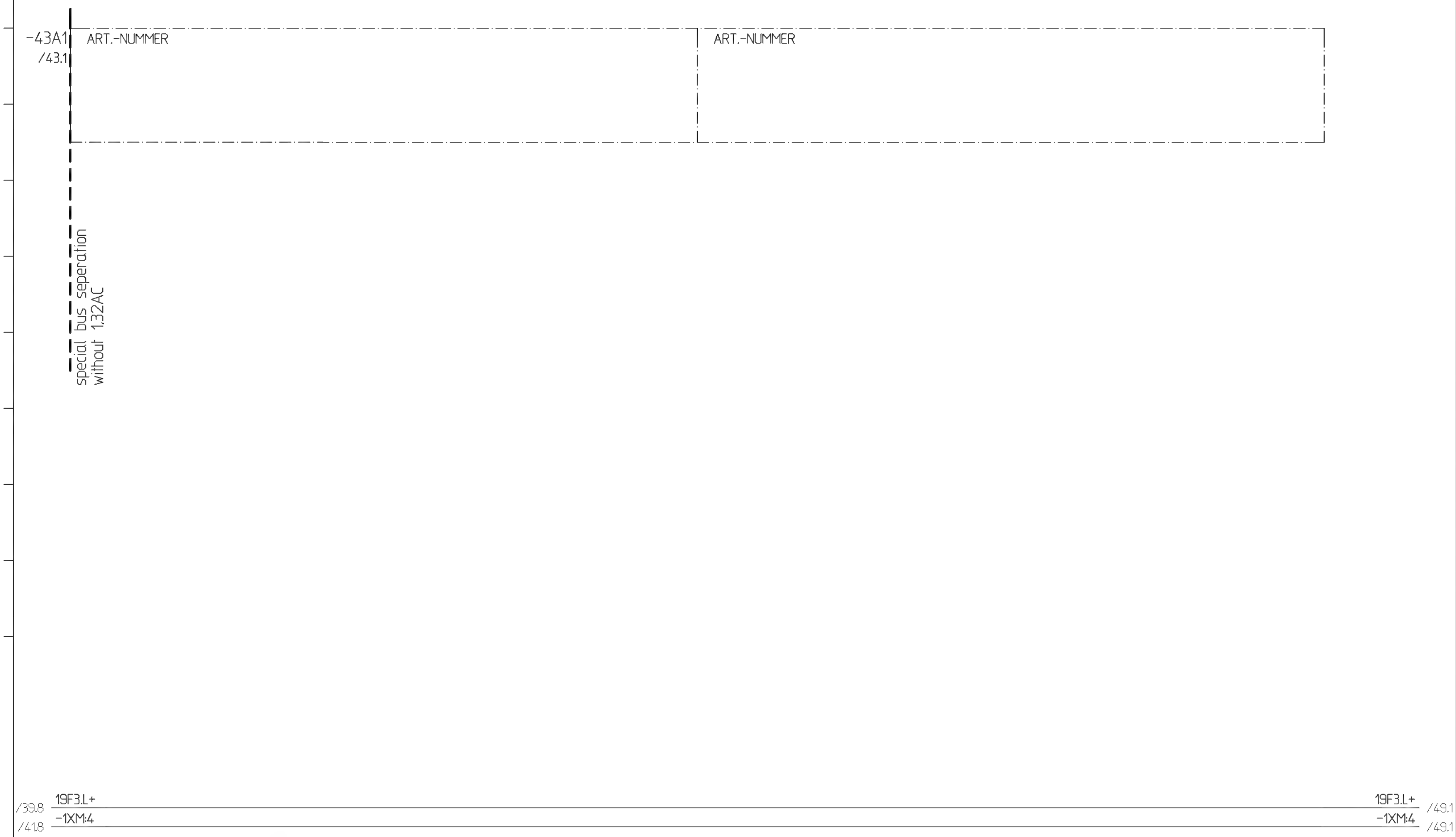
-43A1 /43.1

ART.-NUMMER
-43A1-A17
4TE-3HE

ART.-NUMMER
-43A1-A18
4TE-3HE

Bildbeschreibung
IMAGE DESCRIPTION
KDM SLOT 37-41

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 47 / 211 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



Bildbeschreibung
IMAGE DESCRIPTION

KDM slot 45-49

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 48 / 211 BL

-43A1 /43.1

ART.-NUMMER

ART.-NUMMER

/48.8 19F3.L+ /50.1

/48.8 -1XM:4 /50.1

Bildbeschreibung
IMAGE DESCRIPTION

KDM slot 53-57

Index	changing	Date	name	Norm	33
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP

-43A1 ART.-NUMMER
/43.1 -43A1-A15
4TE-3HE

ART.-NUMMER

/49.8 19F3.L+ 19F3.L+ /51.1
/49.8 -1XM:4 -1XM:4 /51.1

Bildbeschreibung
IMAGE DESCRIPTION
KDM slot 61-65

Index	changing	Date	name								
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann				43730	437300	page 50 211 BL
				Norm	33	Orig. Ers.f.	Ers.d. 11.09.03				

-43A1 ART.-NUMMER
/43.1 -43A1-A14
4TE-3HE

ART.-NUMMER

/50.8 19F3.L+ /63.1
/50.8 -1XM:4 /52.1

Bildbeschreibung
IMAGE DESCRIPTION
KDM slot 69-73

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines
Orig. Ers.f.

KUHSE
Ers.d. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 437300

=DPP
+CCP

-43A1 ART.-NUMMER
/43.1

ART.-NUMMER
-43A1-A13
4TE-3HE

special bus seperation
without 1,32AC

/41.8 19F7.L+ /71.1
/51.8 -1XM:4 /61.1

Bildbeschreibung
IMAGE DESCRIPTION
KDM slot 77-81

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 53 / 211 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

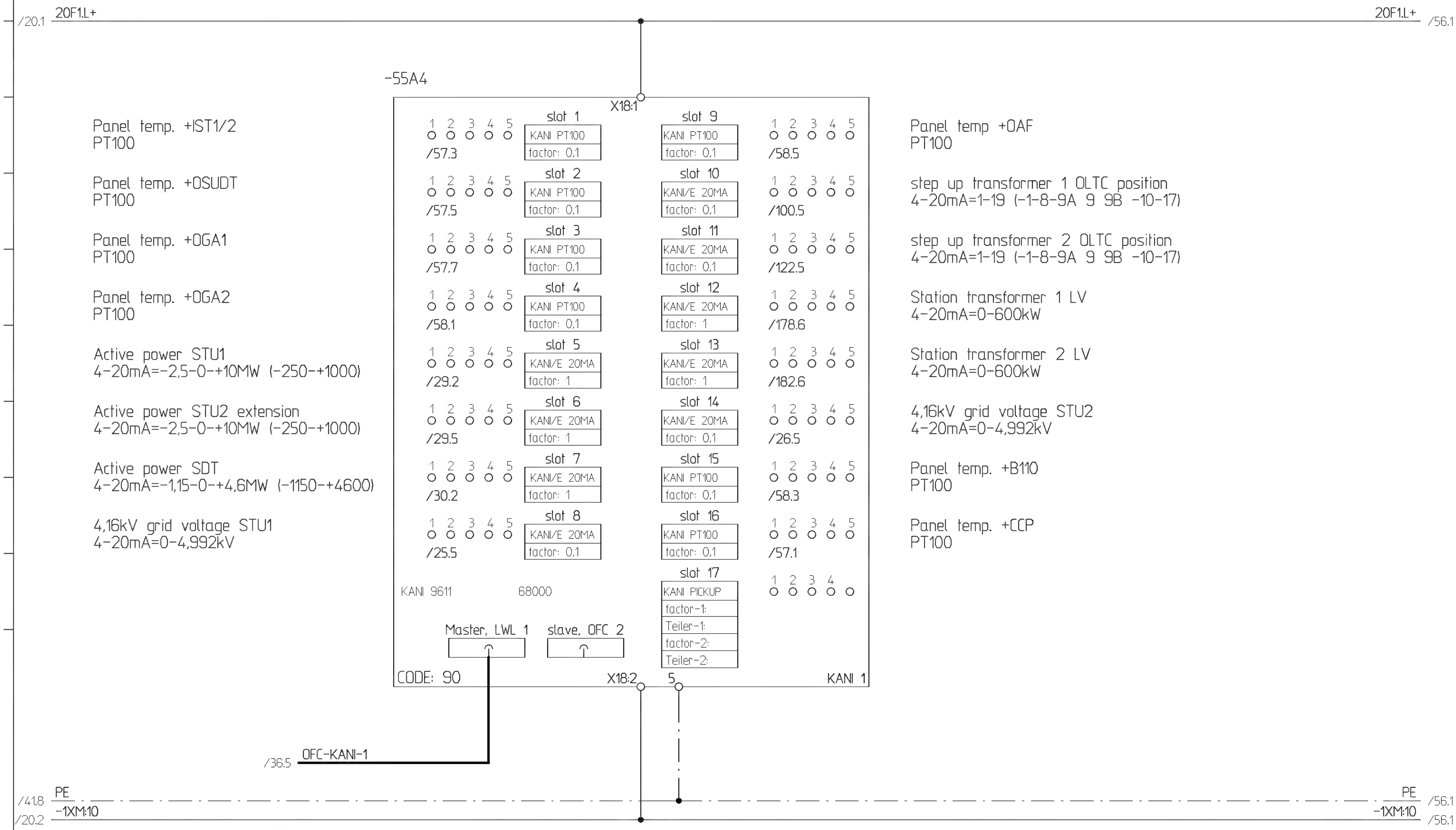
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION

analogue coupling module 1

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ersd. 11.09.03		page 55 / 211 BL

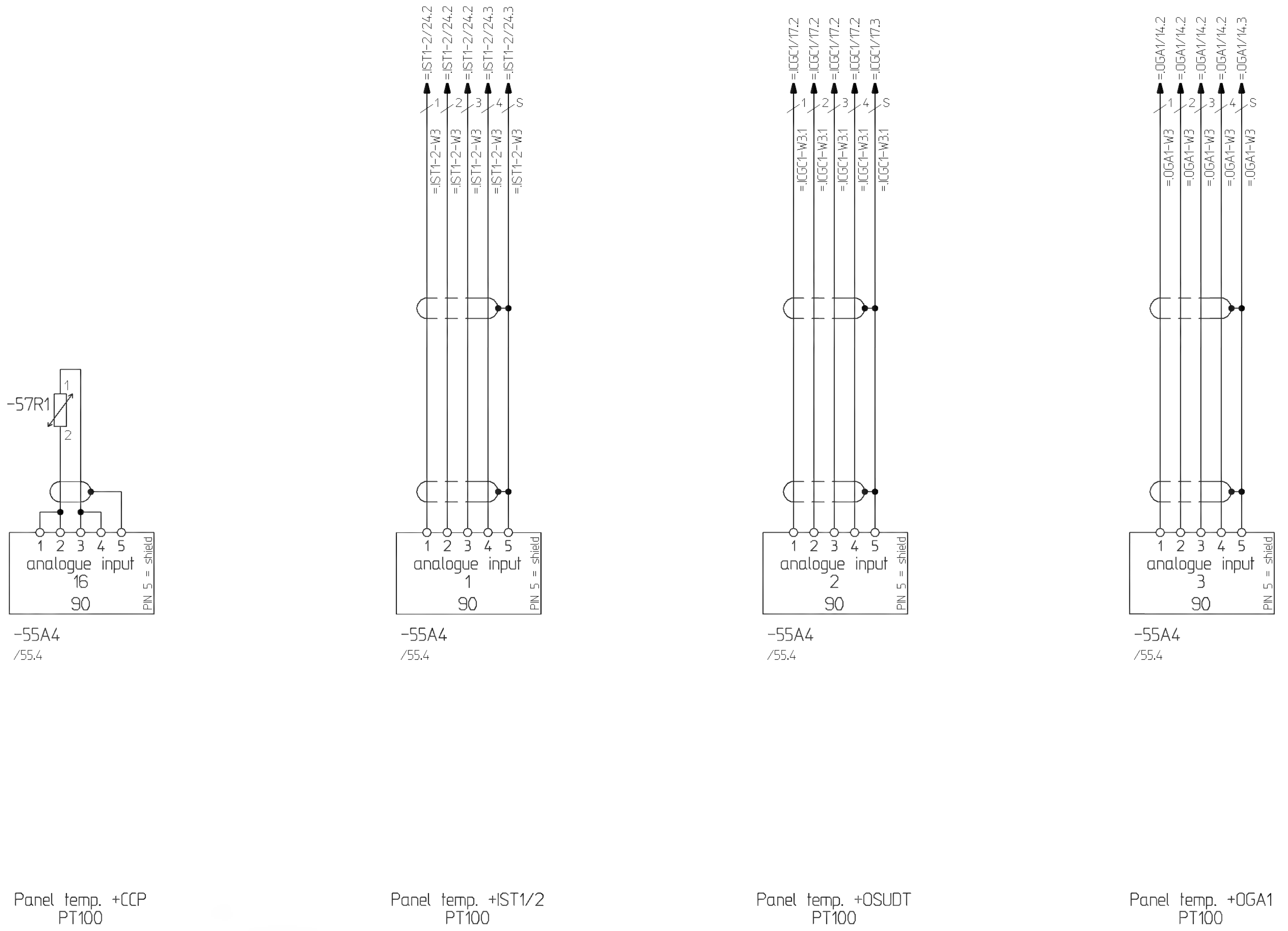
/55.8 20F1.L+ — 20F1.L+

/55.8 PE — PE /92.1

/55.8 -1XM:10 — -1XM:10

Bildbeschreibung IMAGE DESCRIPTION: spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 56
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Analogue values plant

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

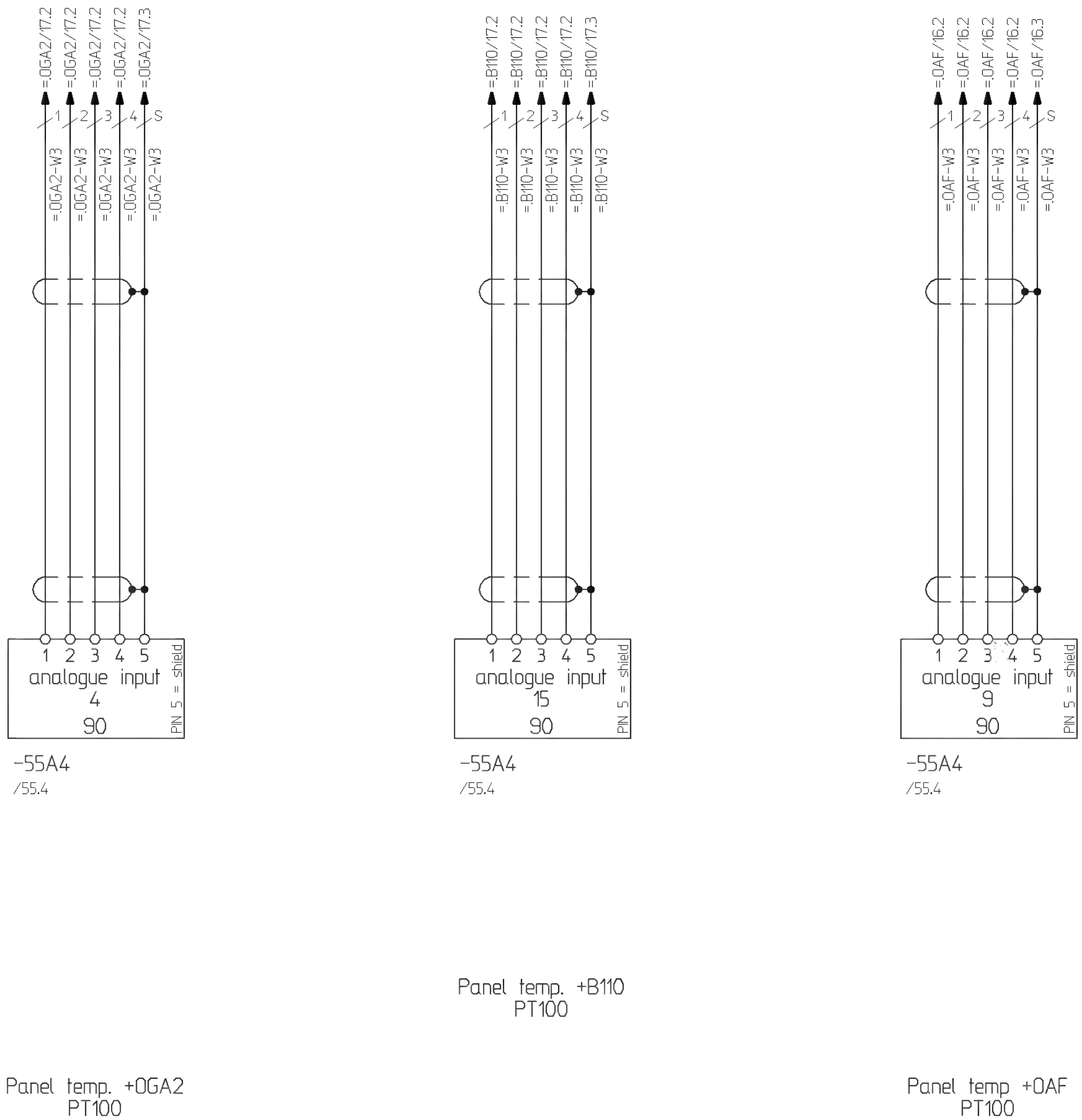
Orig. Ersf. Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 437300

=DPP
+CCP



Bildbeschreibung / IMAGE DESCRIPTION: Analogue values plant

Index	changing	Date	name								
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
				Desig.	A. Stellmann						
				Check	A. Stellmann				43730	437300	page 58
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03				211 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

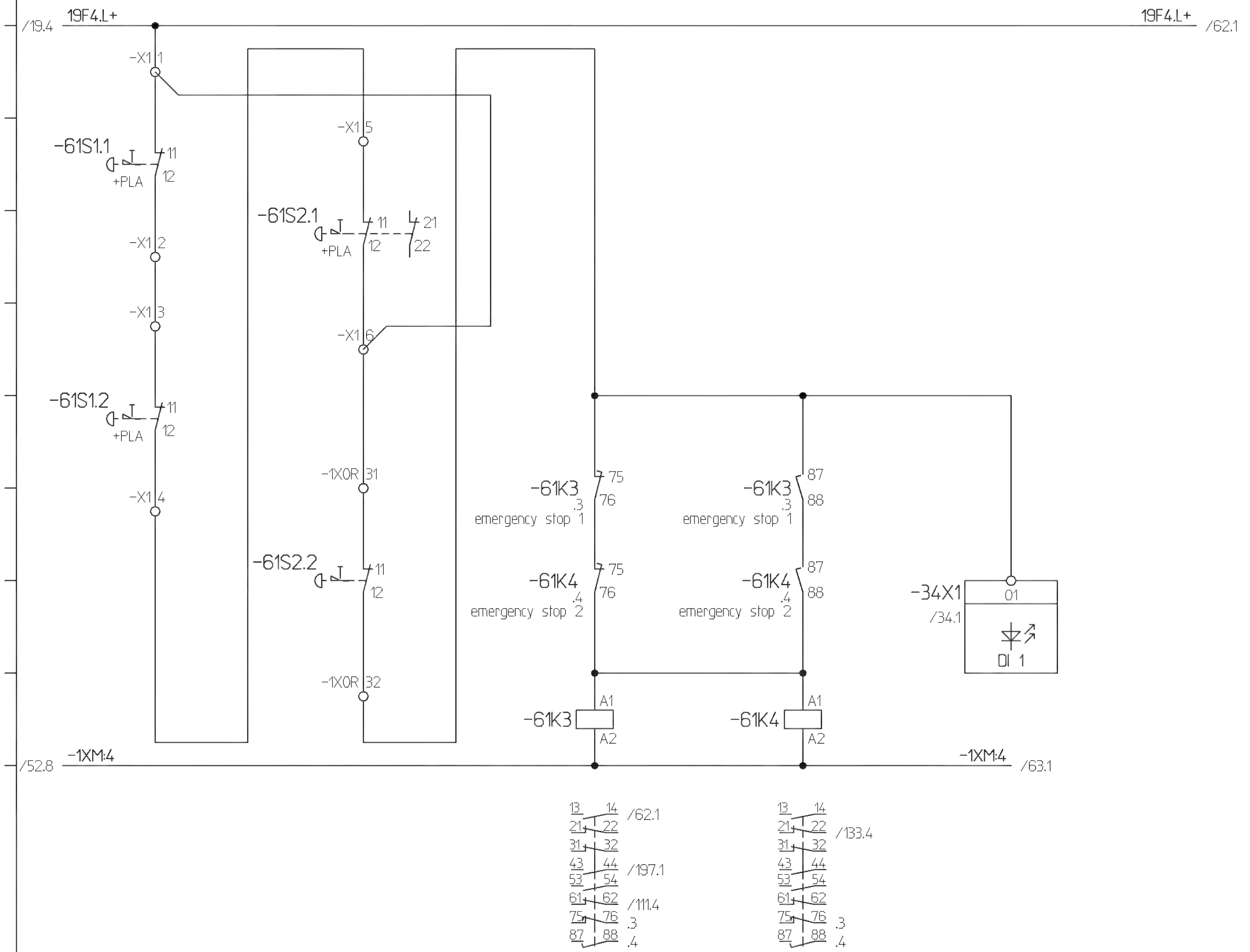
43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

Spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 60 / 211 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



emergency off

If no emergency off - plant connected,
install jumpers

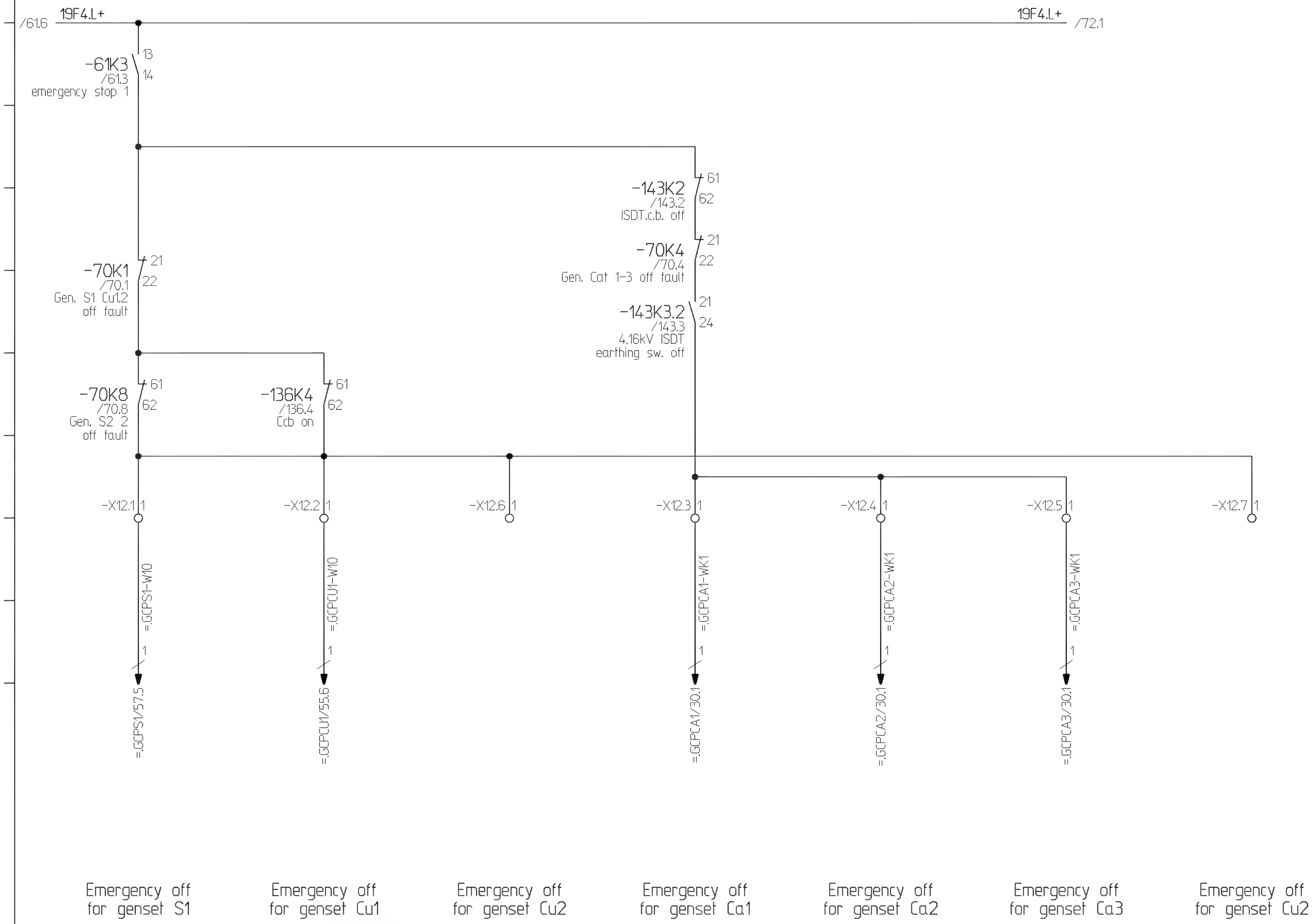
emergency off

emergency off

Emergency off

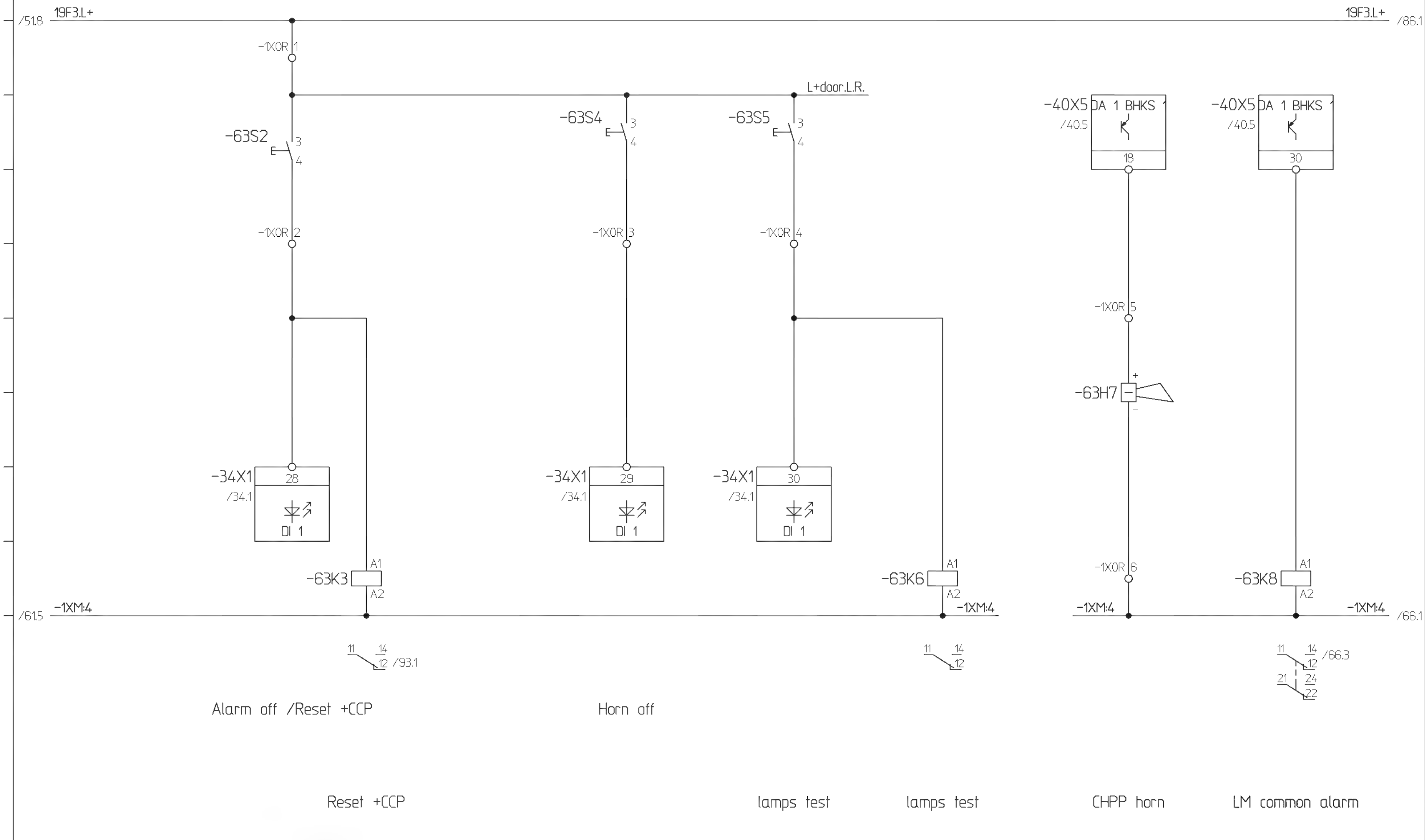
Bildbeschreibung
IMAGE DESCRIPTION
control em. stop

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann					
				Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			page 61 / 211 BL



Bildbeschreibung IMAGE DESCRIPTION: control em. stop

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 62 / 211 BL



Bildbeschreibung IMAGE DESCRIPTION: internal control, horn

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 63 / 211 BL

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name	Norm	33
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

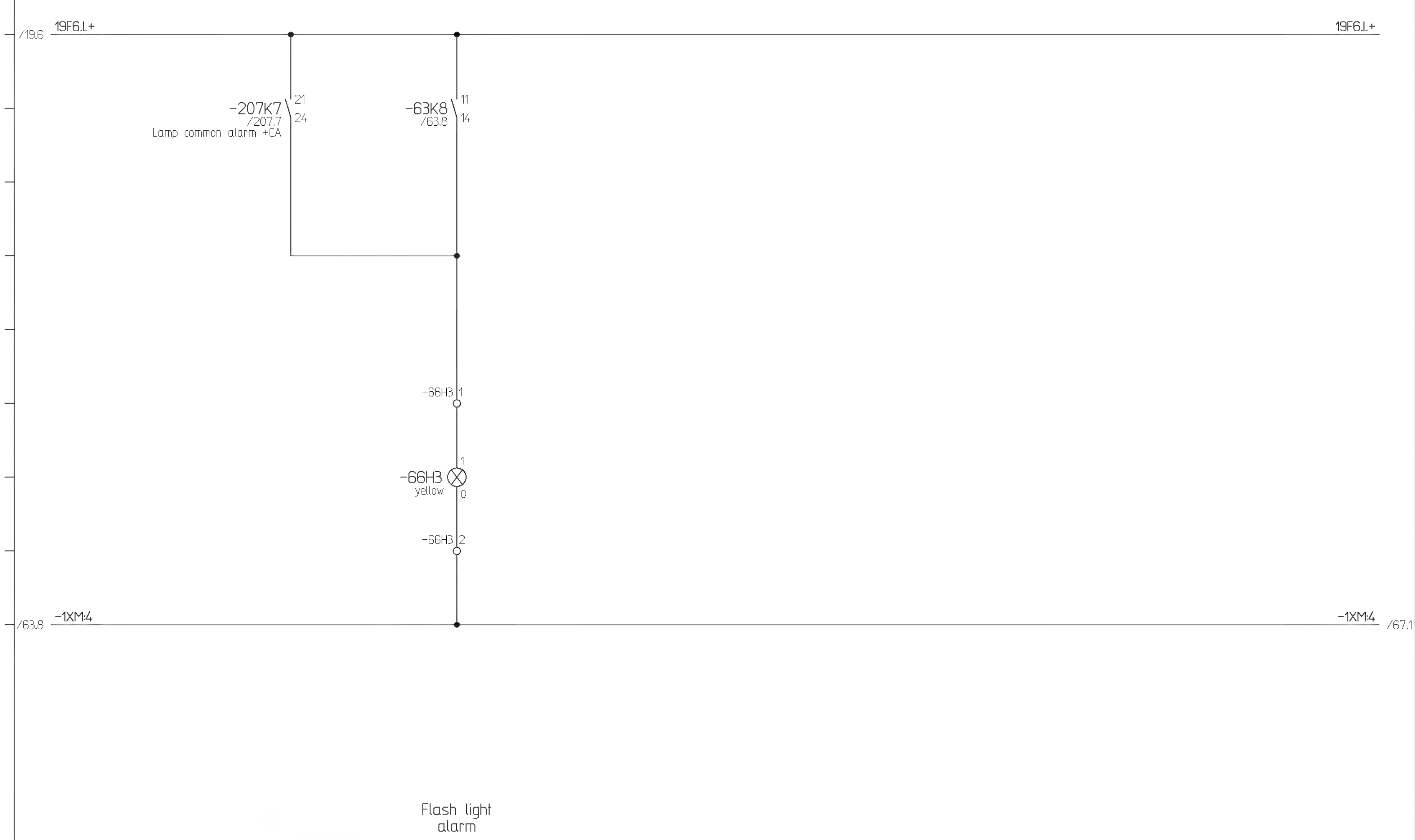
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

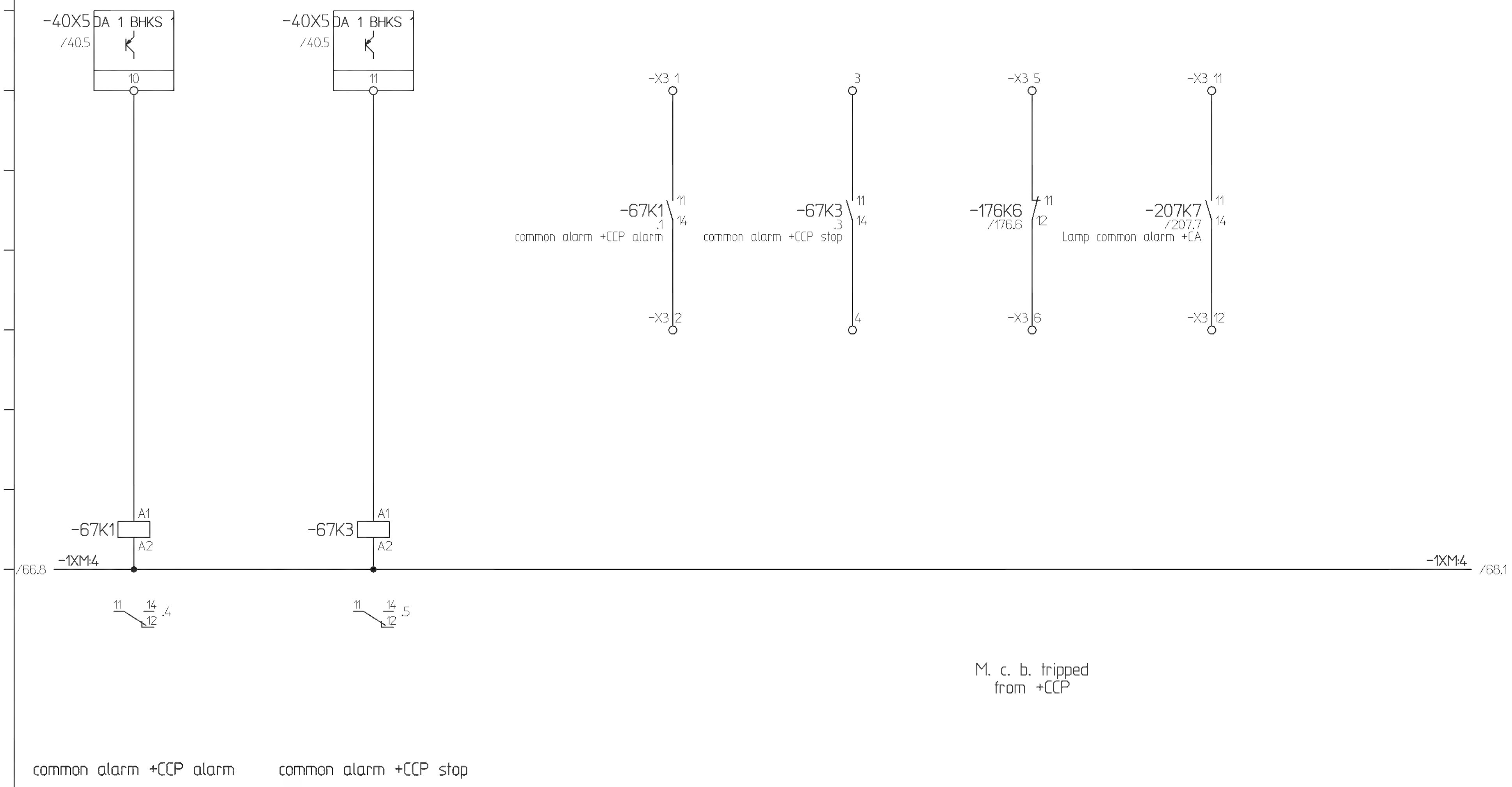
43730 437300

=DPP
+CCP



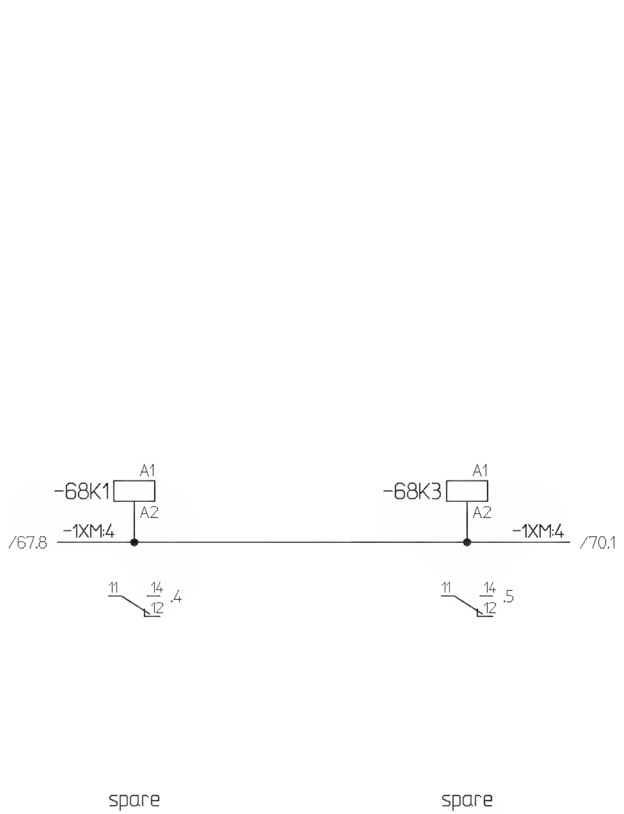
Bildbeschreibung
IMAGE DESCRIPTION: lamp common alarm

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 66
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL



Bildbeschreibung IMAGE DESCRIPTION: Outputs common faults

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 67 / 211 BL



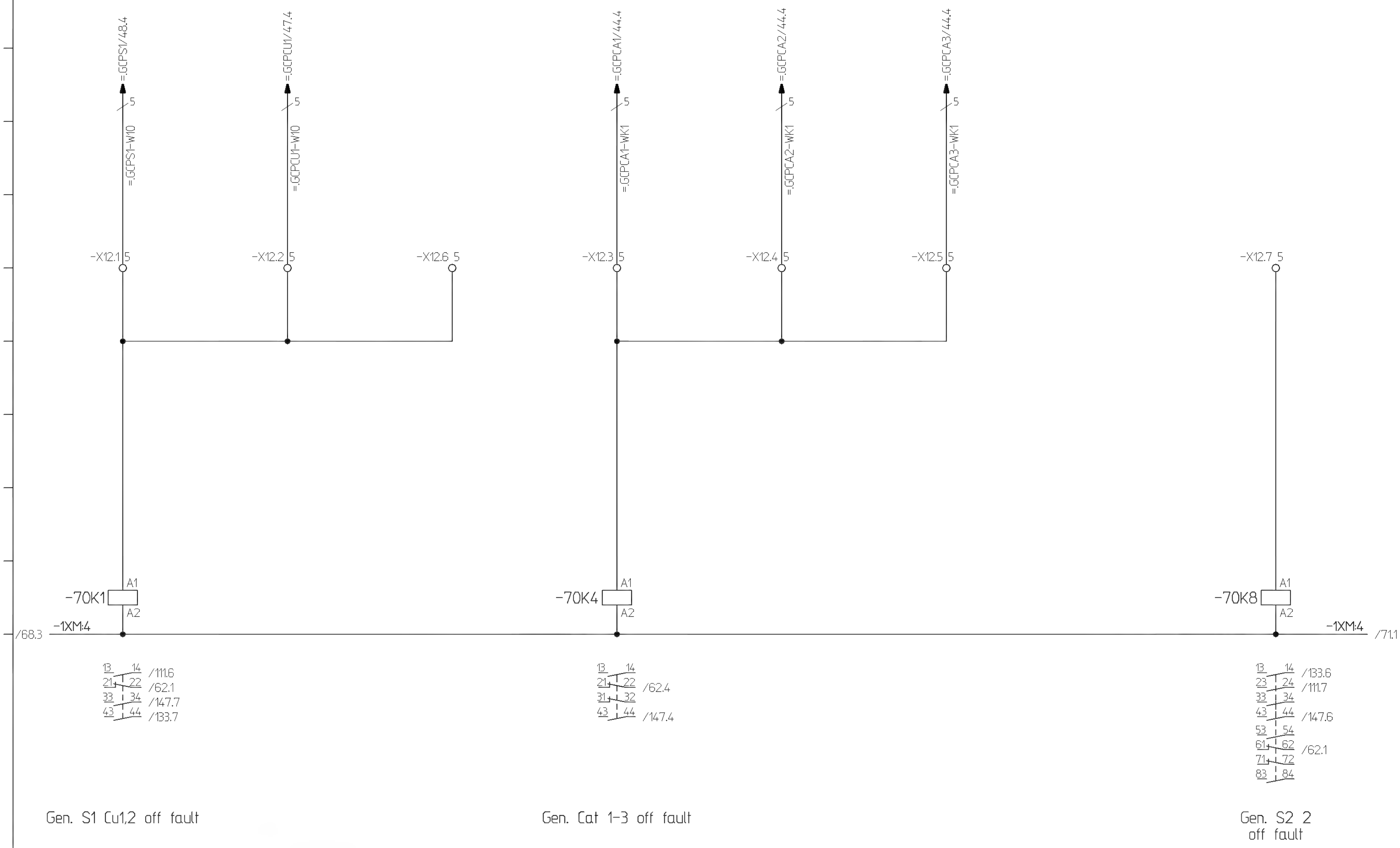
Bildbeschreibung
IMAGE DESCRIPTION

Outputs spare

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 68 / 211 BL
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 69 / 211 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



Bildbeschreibung
IMAGE DESCRIPTION

switching off gen. C.B. 1-7 fault

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		page 70 / 211 BL

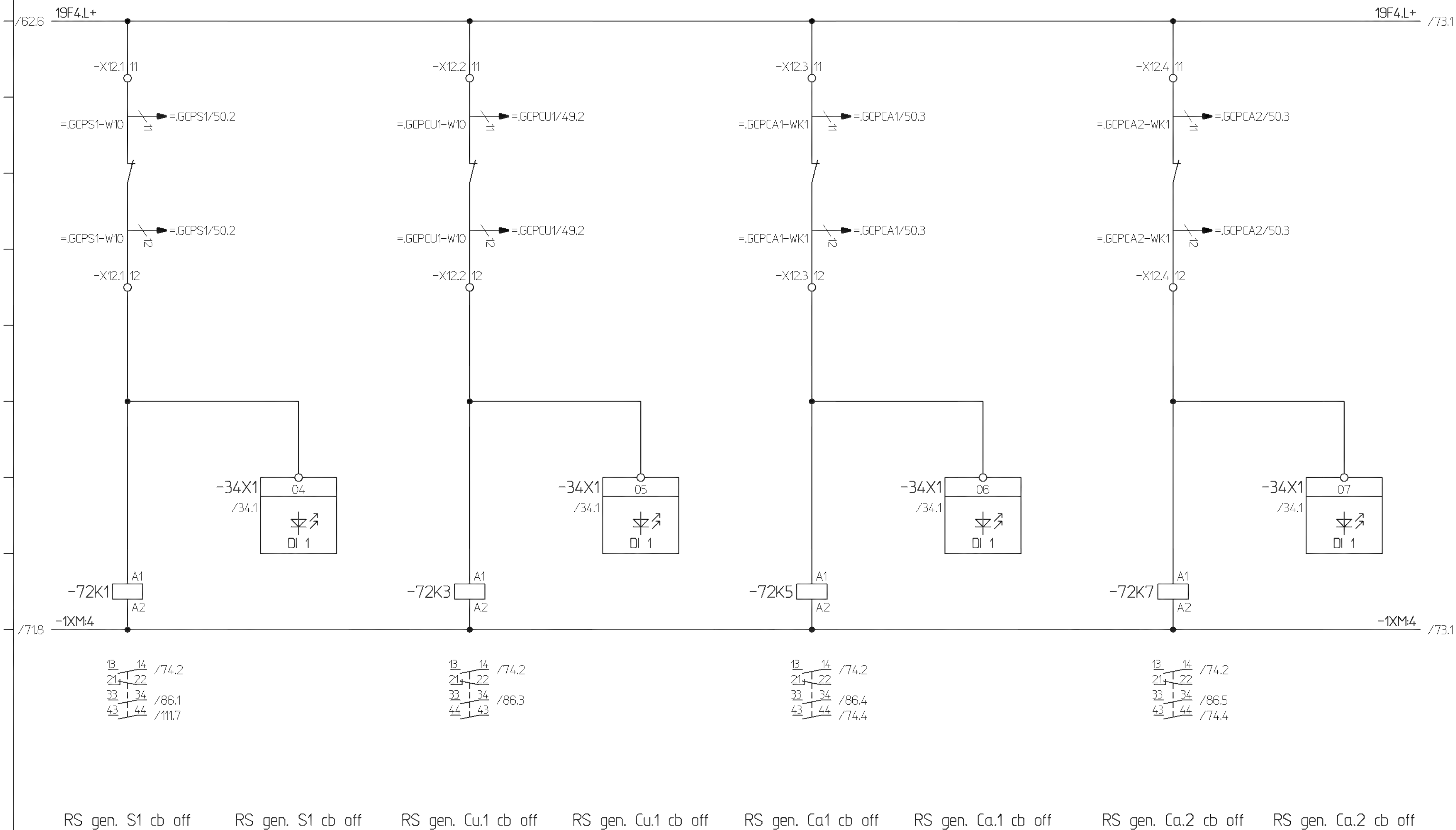
Index | changing | Date | name

/52.8 19F7.L+ 19F7.L+ /96.1

/70.8 -1XM:4 -1XM:4 /72.1

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 71 / 211 Bl.



Bildbeschreibung IMAGE DESCRIPTION: reply signal generator c.b. 1-4 OFF

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

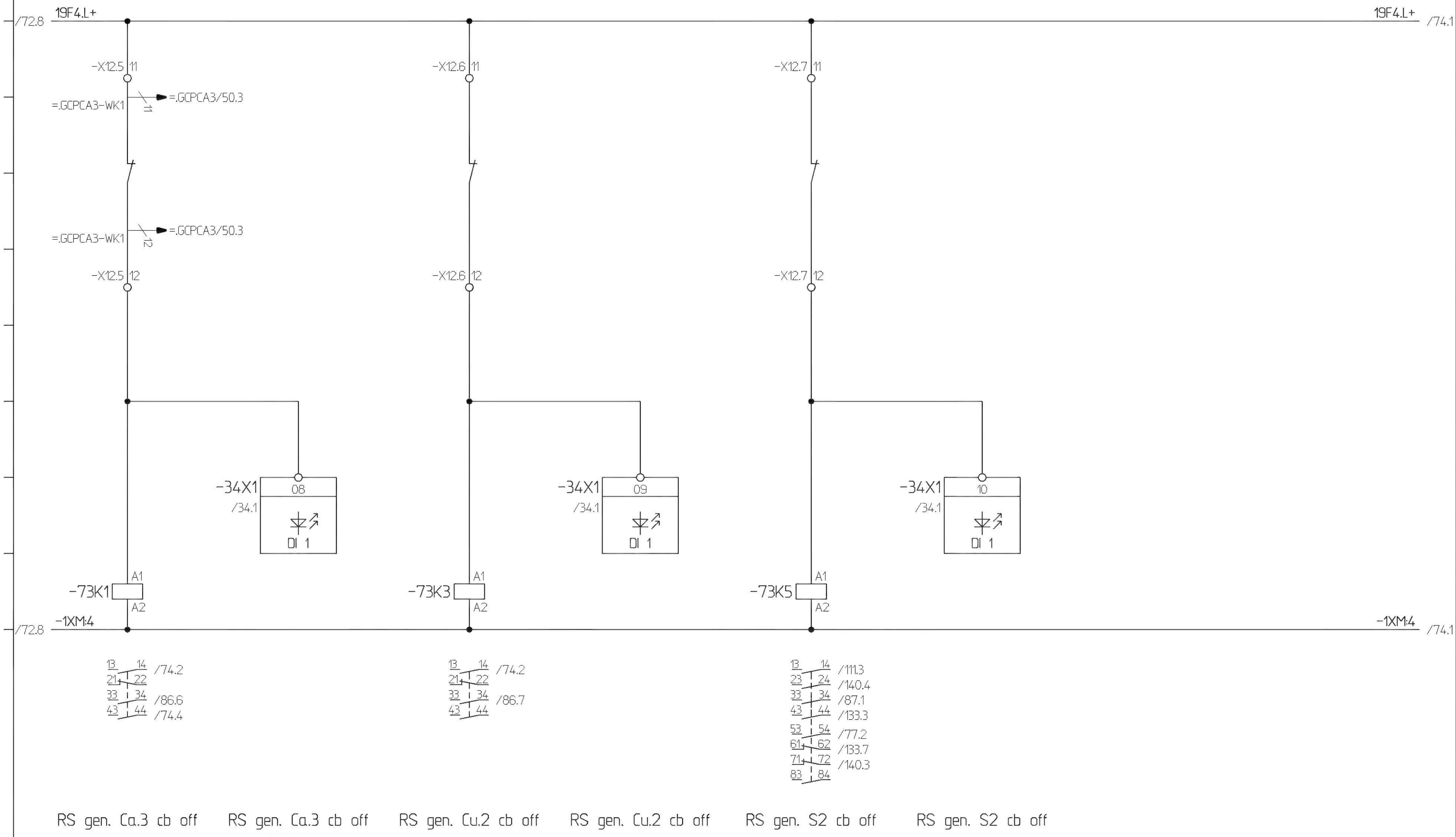
Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | KUHSE | Ers.d. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

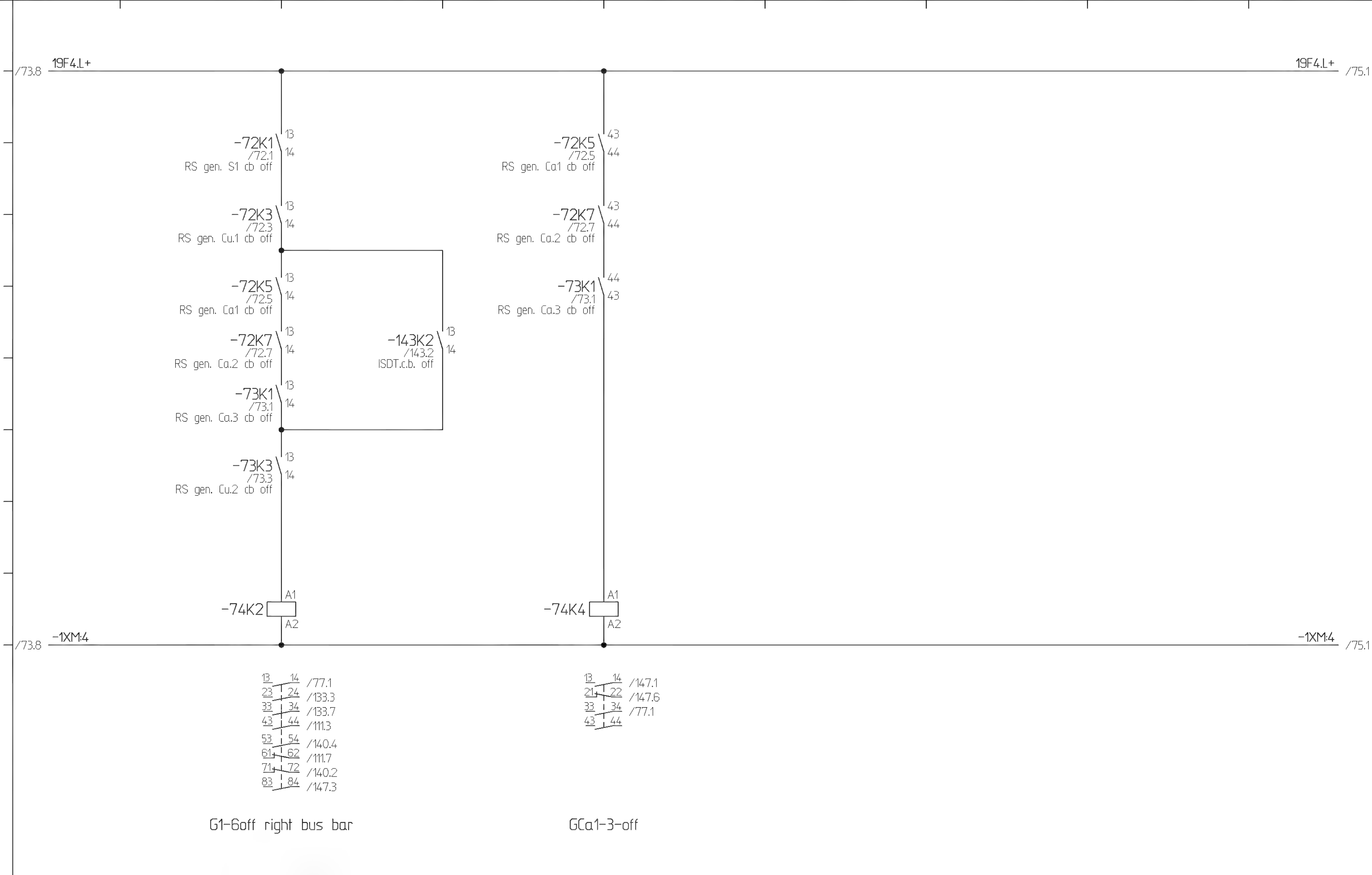
4500005501 | =DPP | +CCP

43730 | 437300



Bildbeschreibung IMAGE DESCRIPTION: reply signal generator c.b. 5-7 OFF

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 73 / 211 BL



Bildbeschreibung IMAGE DESCRIPTION: No gen. on right bus bar, Ca1-3 off

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		43730 / 437300	page 74 / 211 BL

/74.8 19F4.L+ — 19F4.L+ /76.1

/74.8 -1XM:4 — -1XM:4 /76.1

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

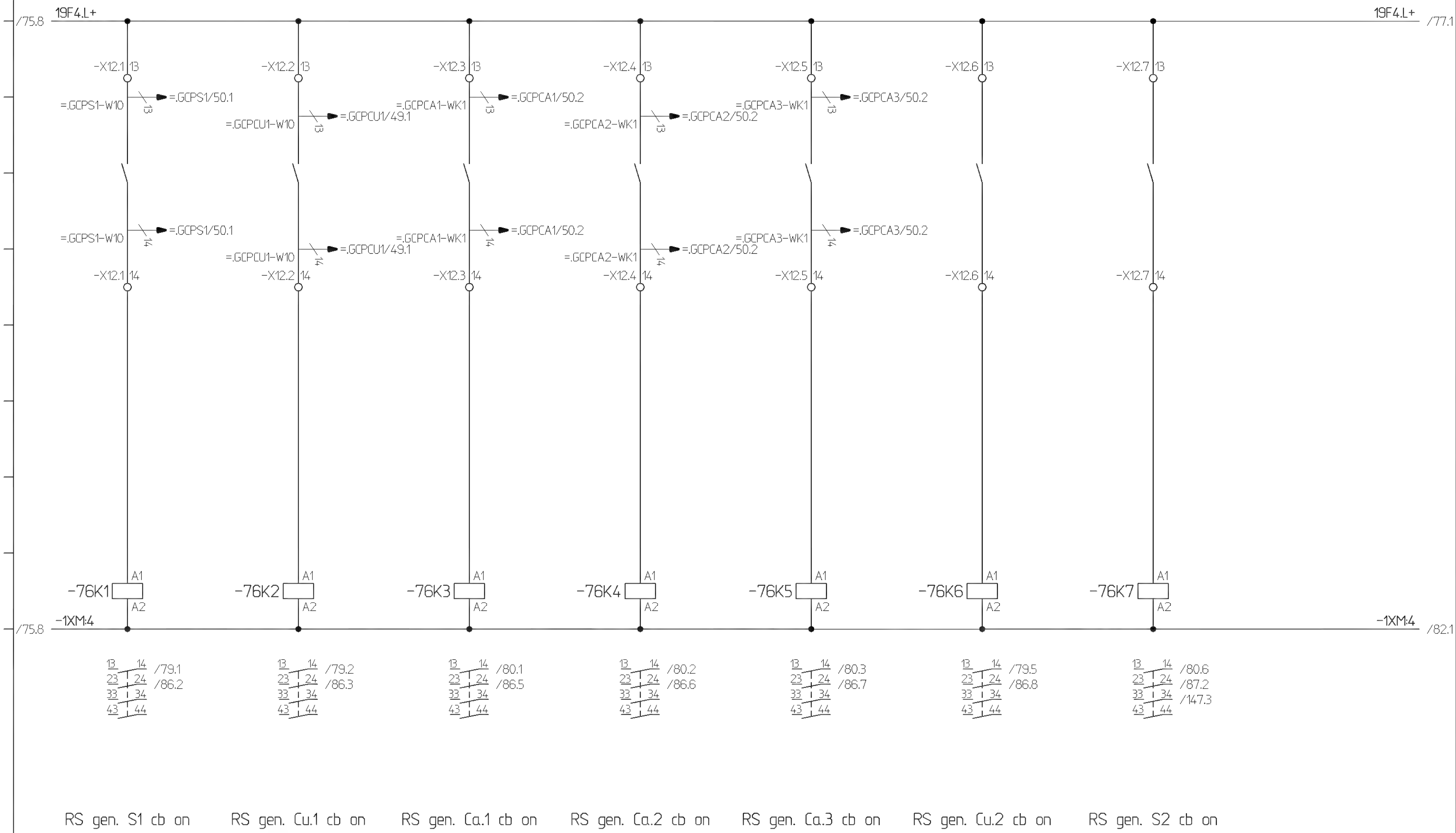
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

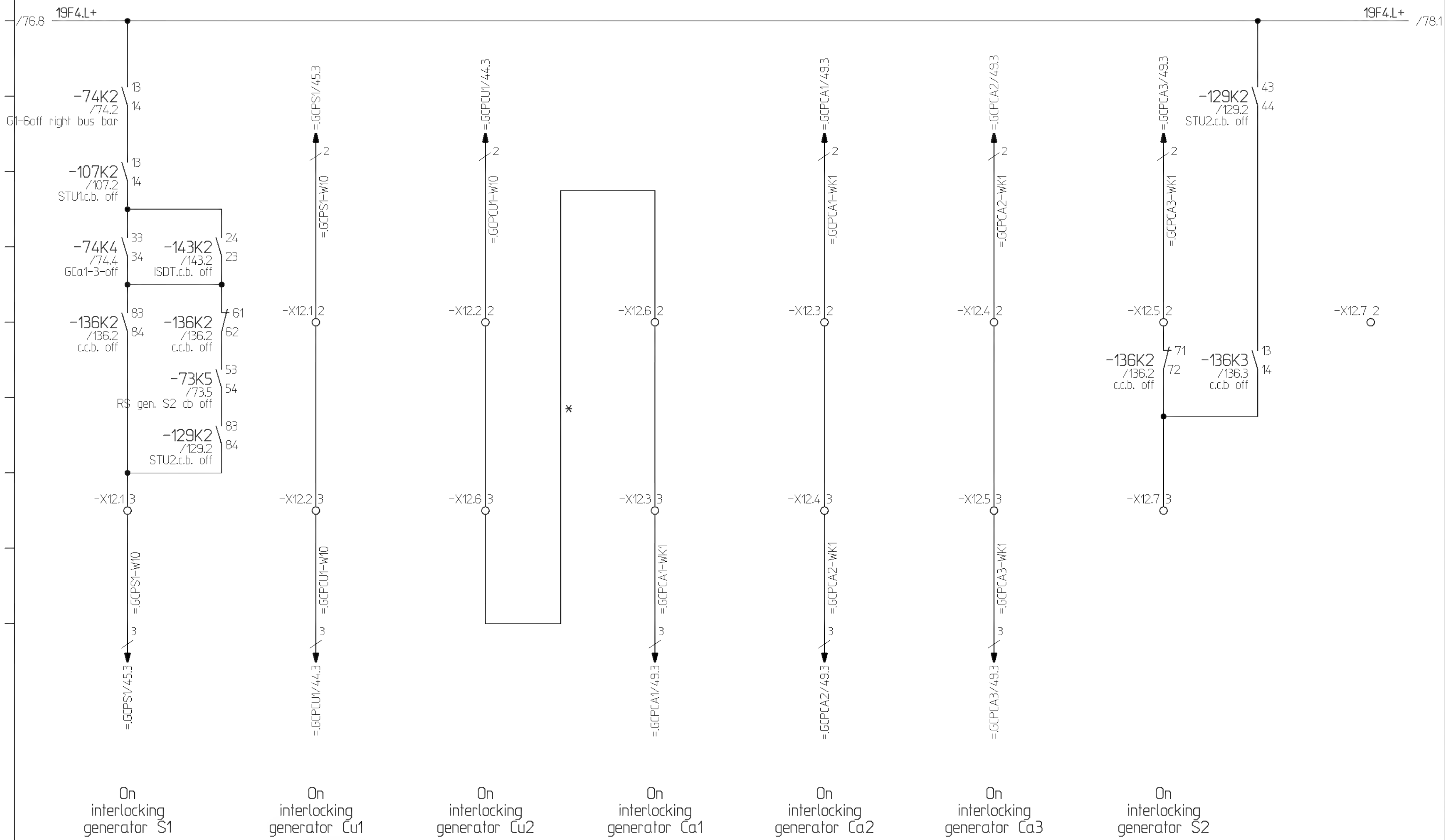
43730 | 437300

=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION RS gen. 1-7

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 76 / 211 BL



* jumper must be removed by connection Cu2

Bildbeschreibung
IMAGE DESCRIPTION

Interlocking gen. on

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 77 / 211 BL

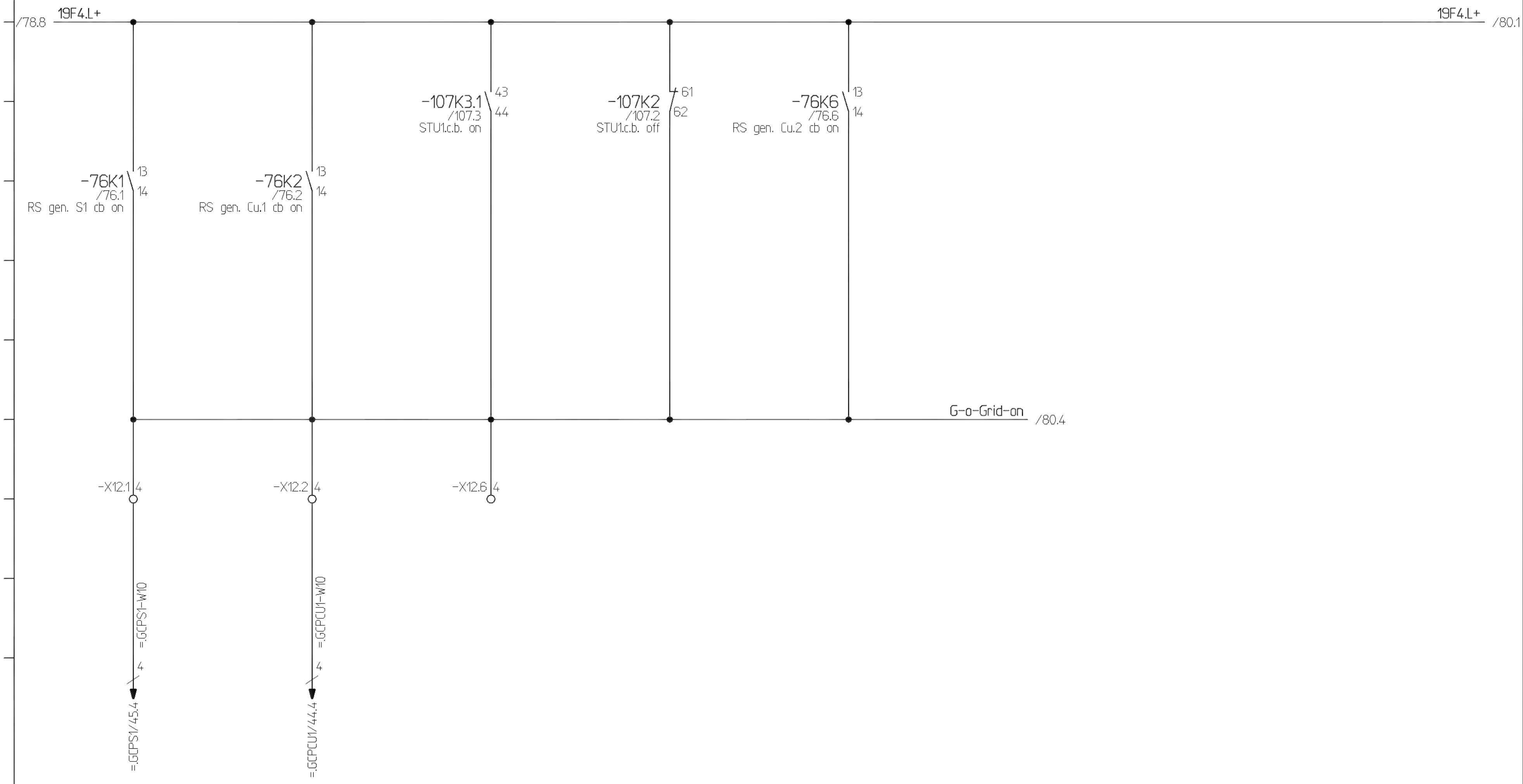
/77.8 19F4.L+

19F4.L+ /79.1

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 437300	page 78
				Norm	33	Orig. Ers.f.	Ers.d. 11.09.03			211 BL



Bildbeschreibung IMAGE DESCRIPTION: Mains or gen.c.b. on bus bar

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

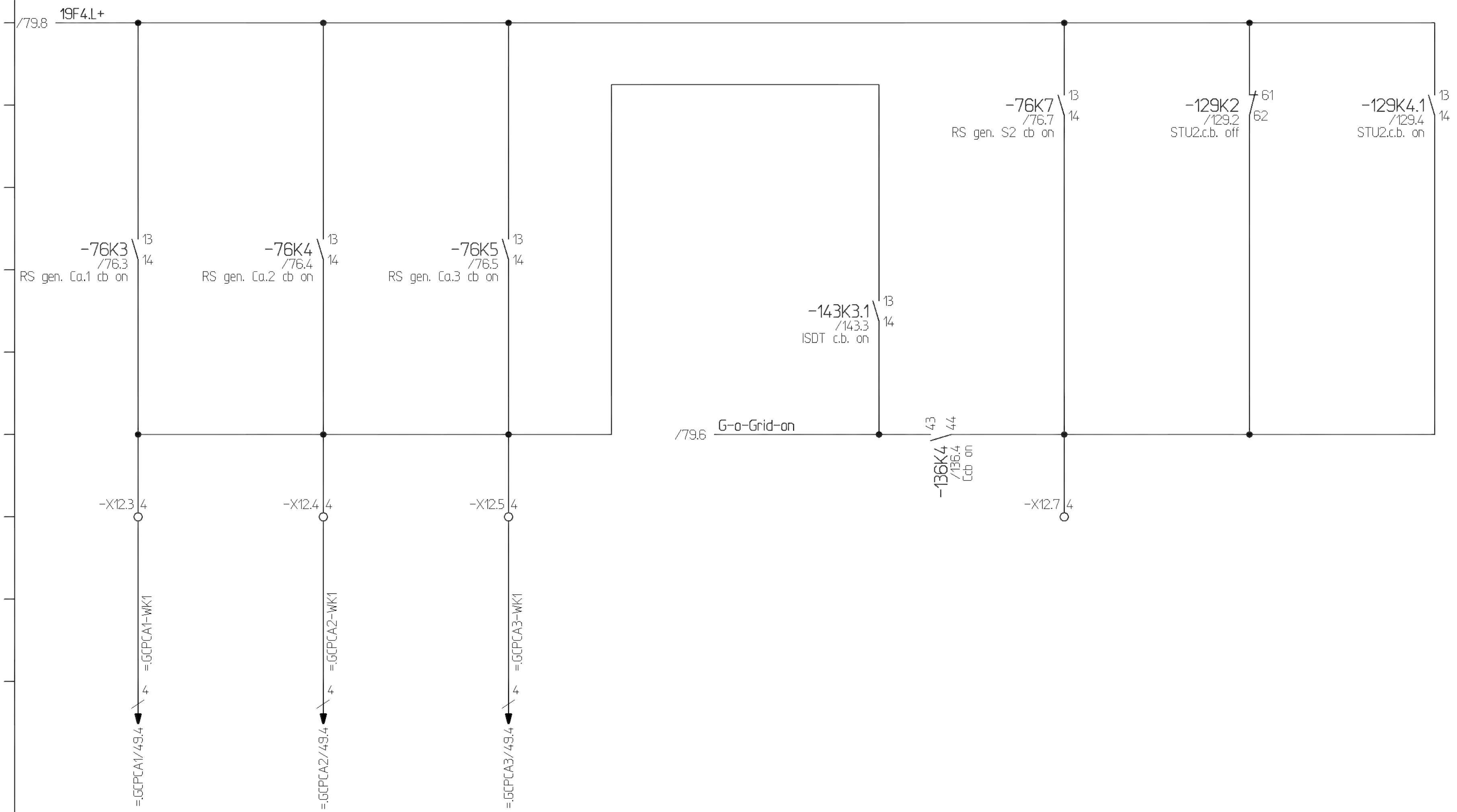
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

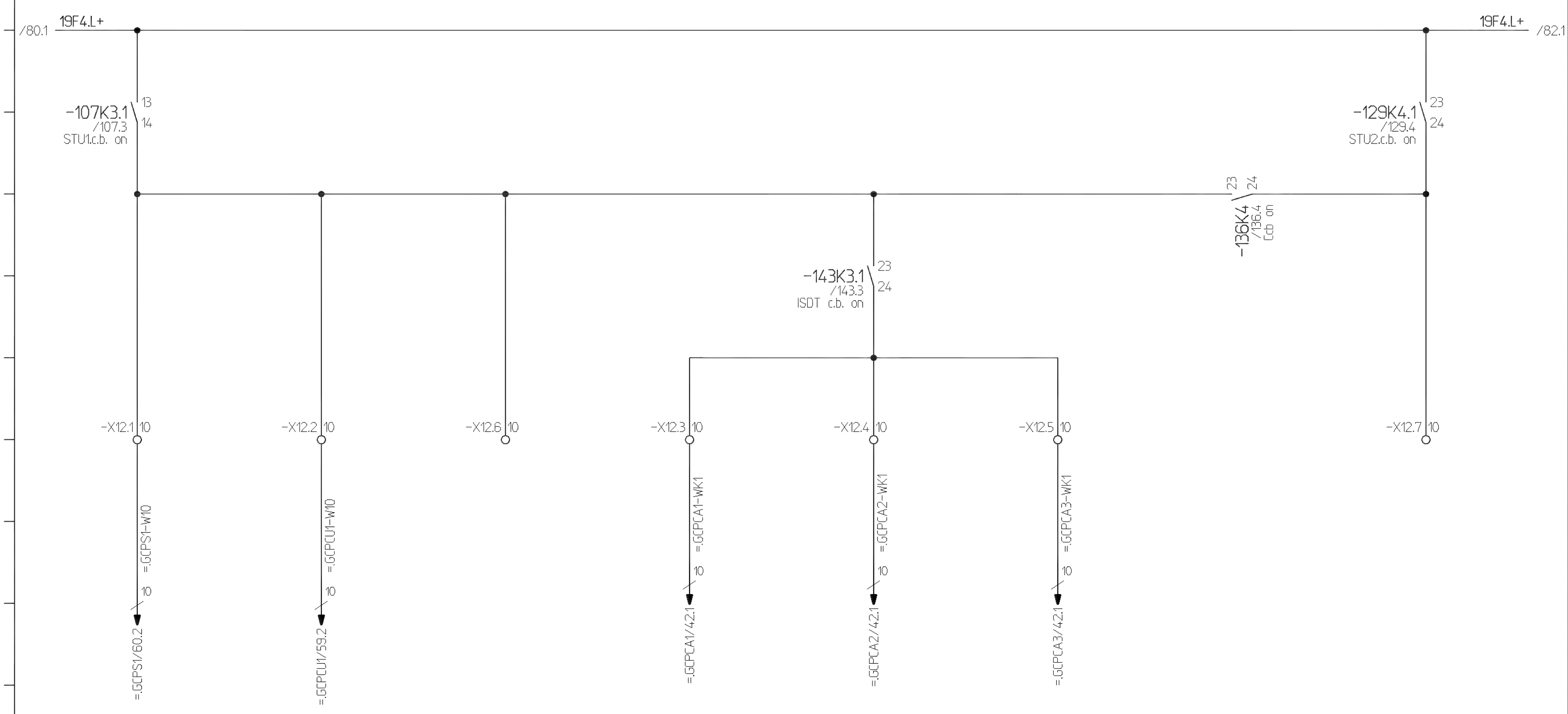
43730 | 437300

=DPP
+CCP



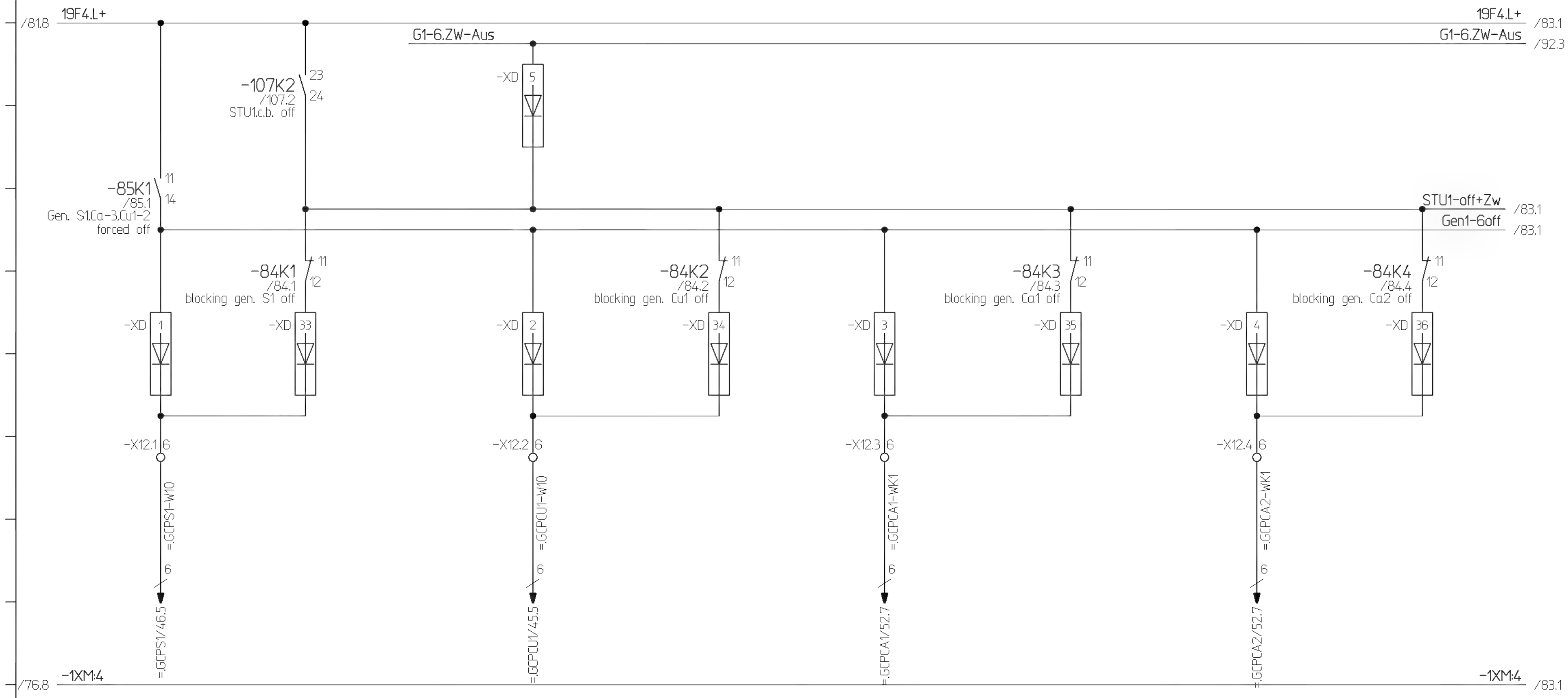
Bildbeschreibung IMAGE DESCRIPTION: Mains or gen.c.b. on bus bar

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			page 80 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION
Mains operetion

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig.	Ersf.	Ersd. 11.09.03		page 81
				Norm	33					211 BL



Bildbeschreibung
IMAGE DESCRIPTION

generator switches 1-5 forced off

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

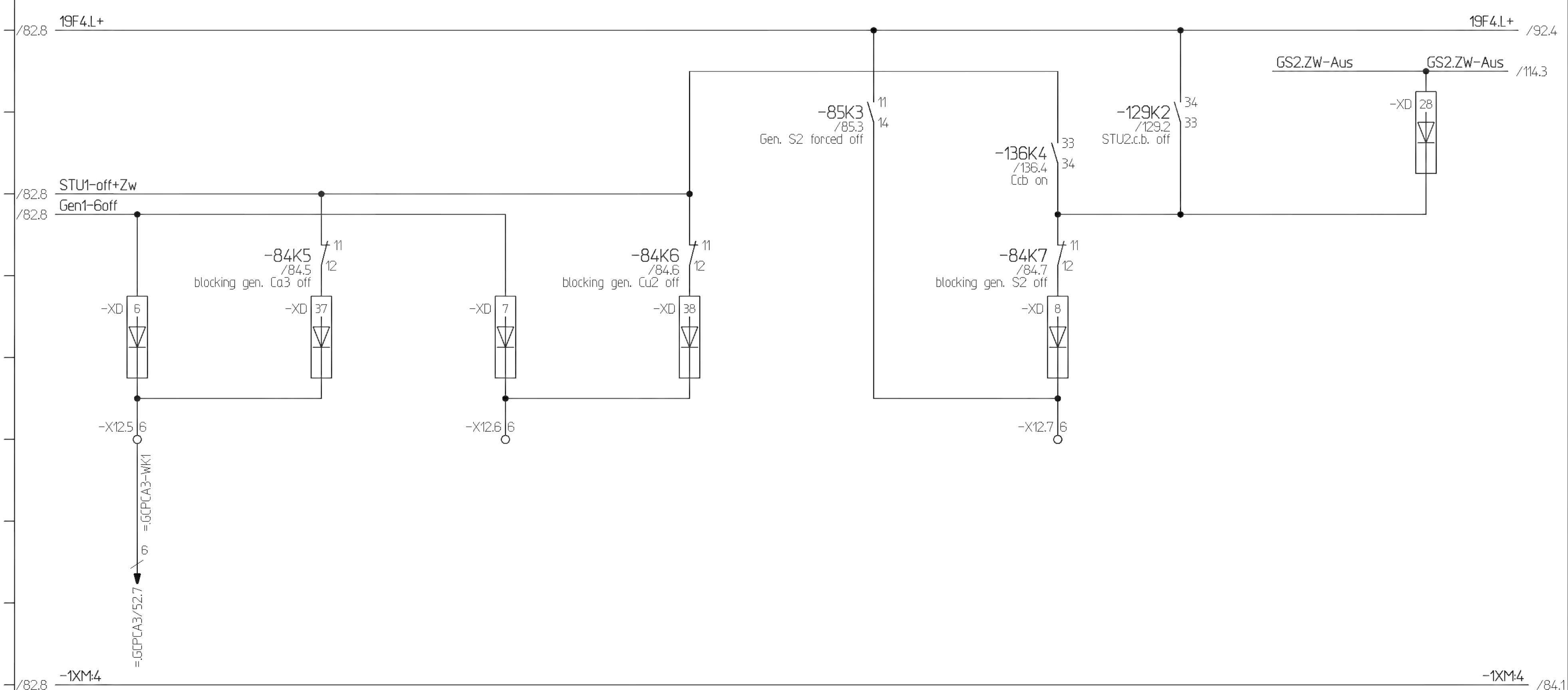
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

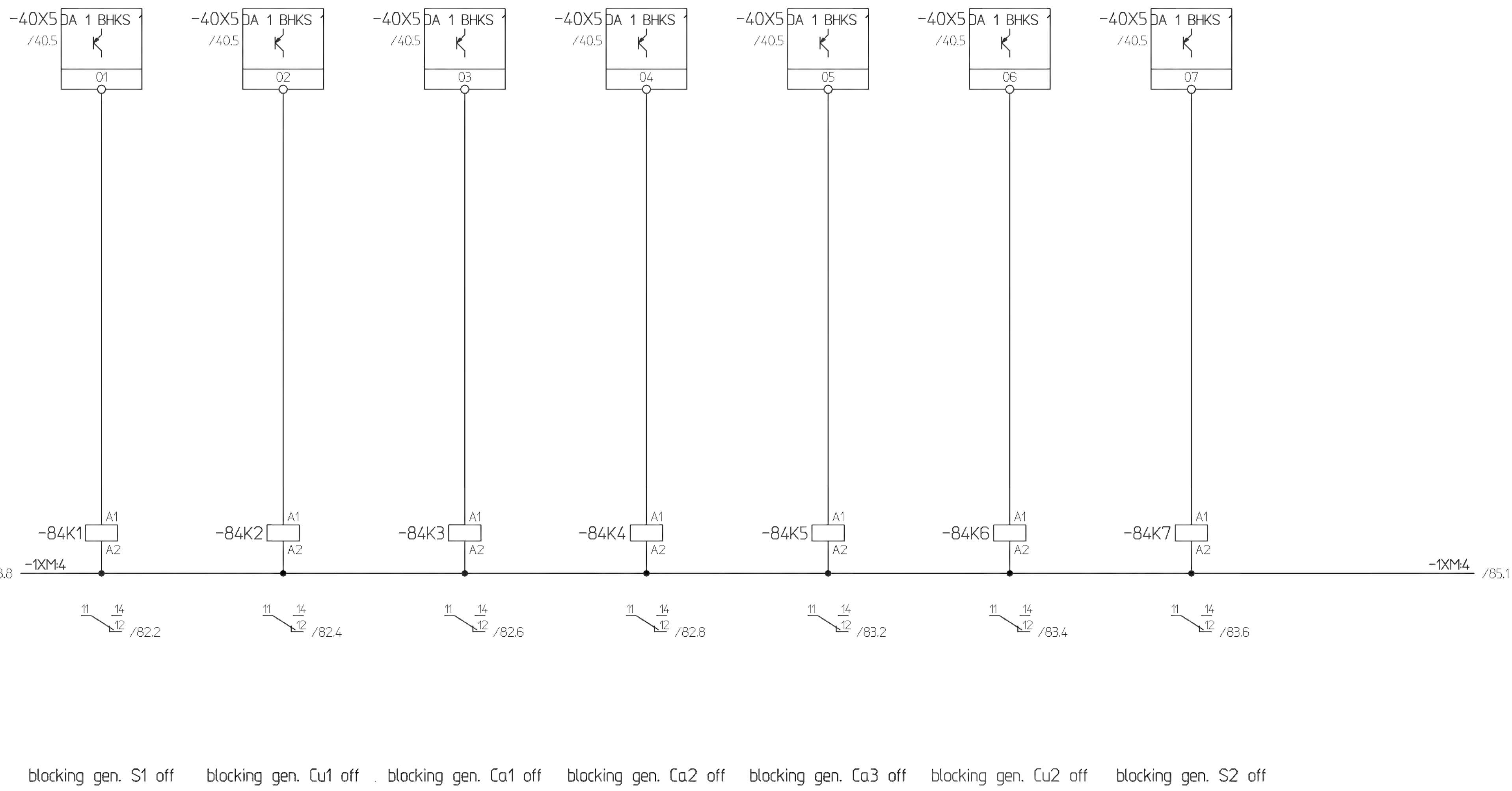
=DPP
+CCP



Bildbeschreibung IMAGE DESCRIPTION: generator switches 6-7 forced off

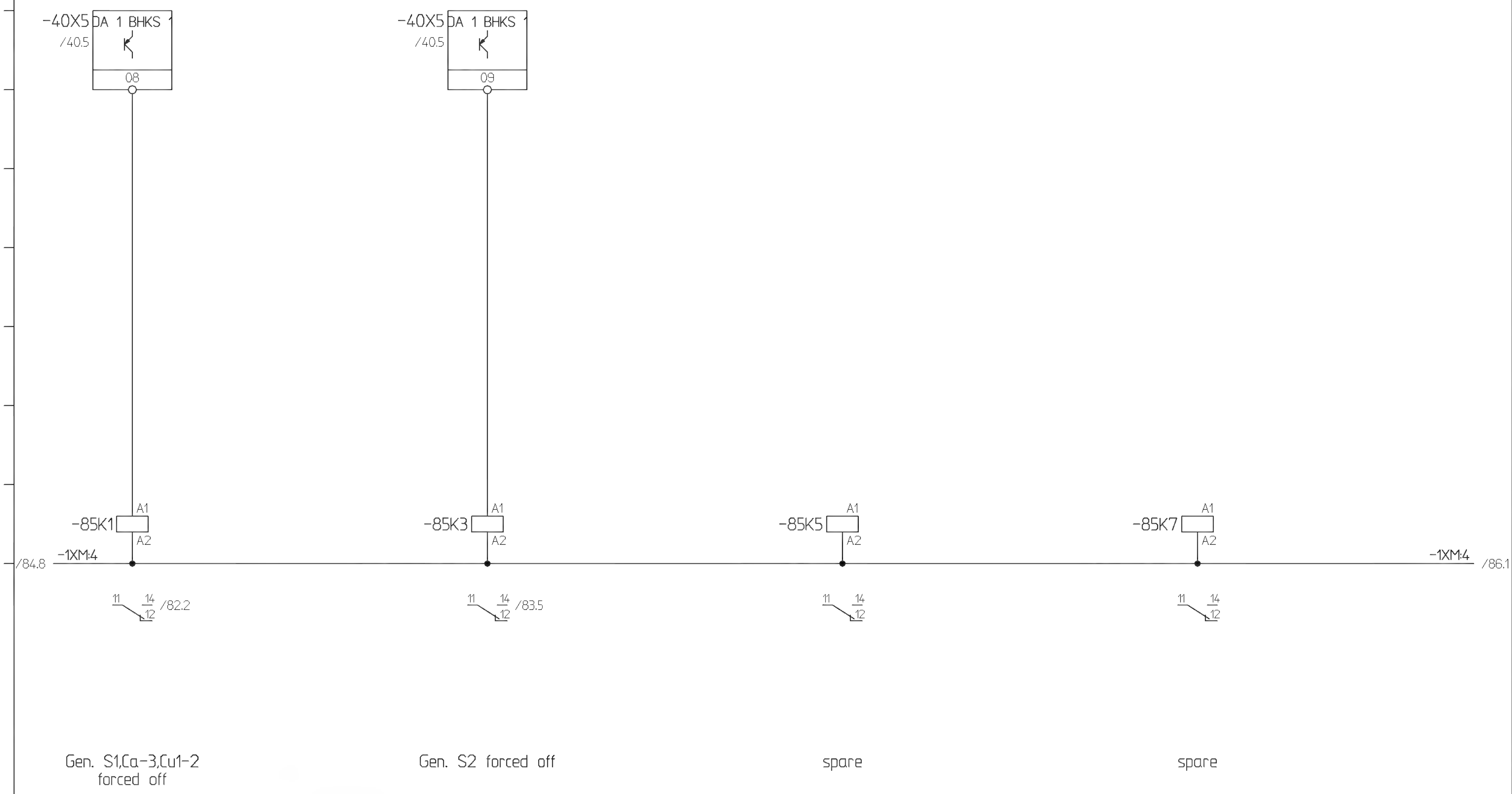
Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
Check	A. Stellmann			Common Control Panel	43730 / 437300	page 83
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL

Index | changing | Date | name



Bildbeschreibung IMAGE DESCRIPTION: selection generator cutouts

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 84 / 211 BL



Bildbeschreibung / IMAGE DESCRIPTION: generator switch off

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

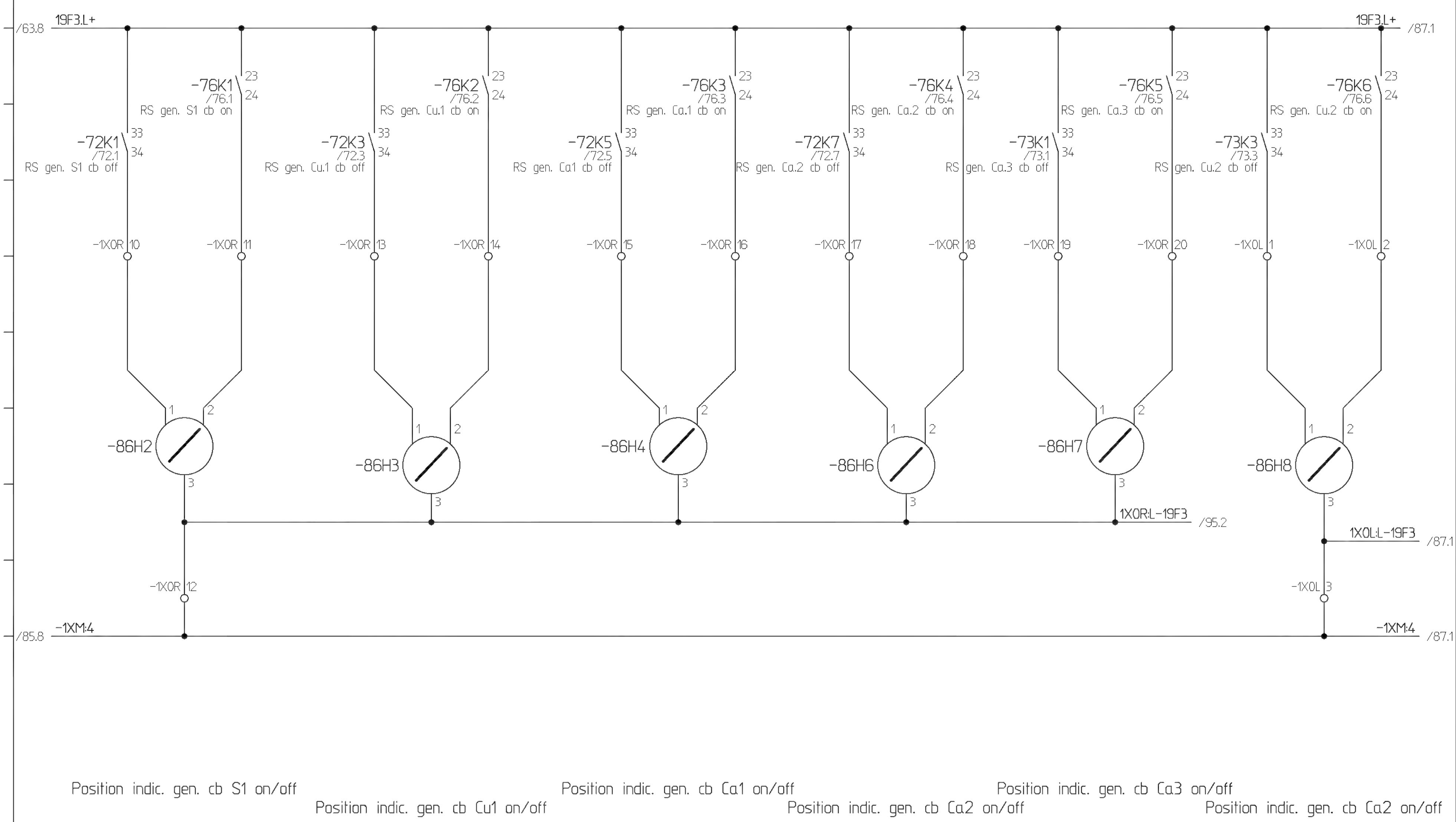
Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501 | =DPP | +CCP

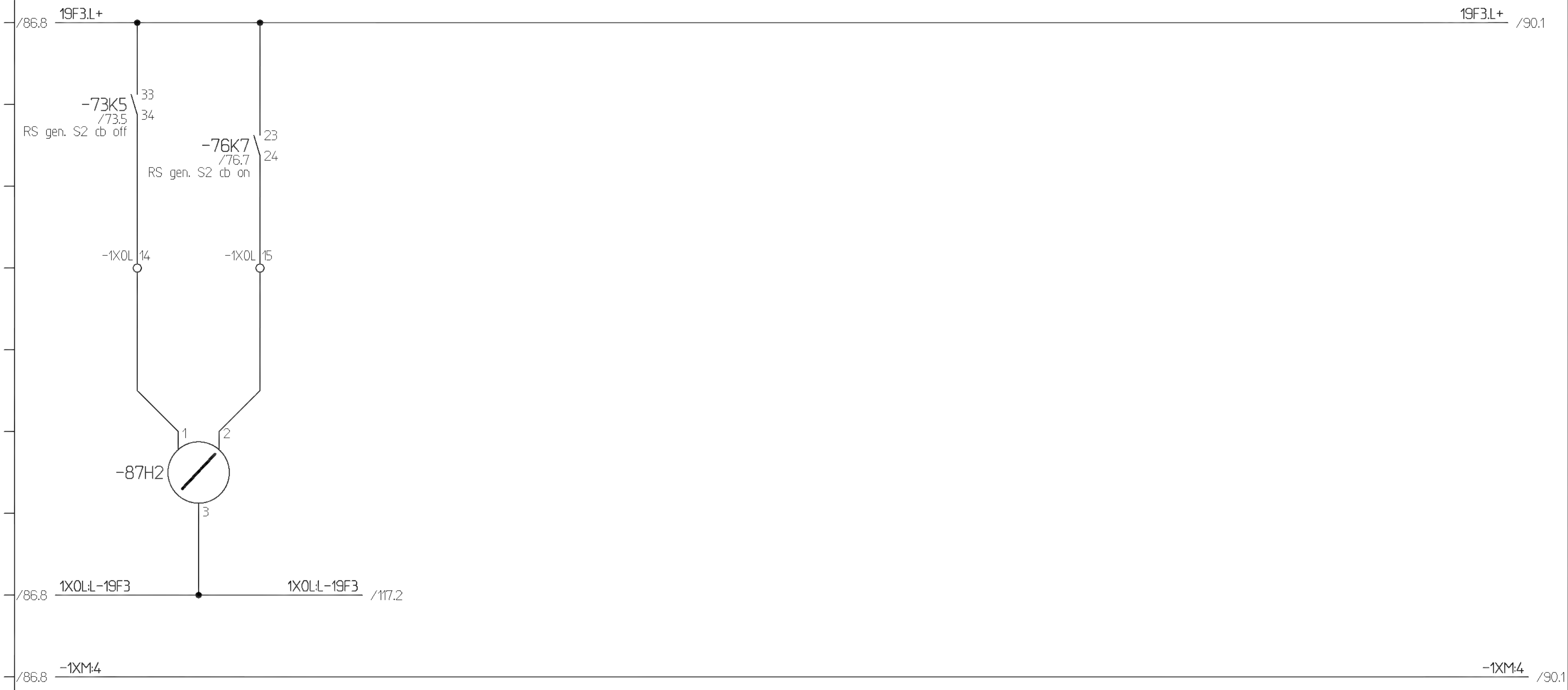
43730 | 437300



Bildbeschreibung
IMAGE DESCRIPTION

RS gen. c.b. operating position

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann					page 86
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL



Position indic. gen. cb S2 on/off

Bildbeschreibung
IMAGE DESCRIPTION

RS gen. c.b. operating position

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 87
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name								
				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501		=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC			+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300	page 88
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03				211 BL

Bildbeschreibung
IMAGE DESCRIPTION

Spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

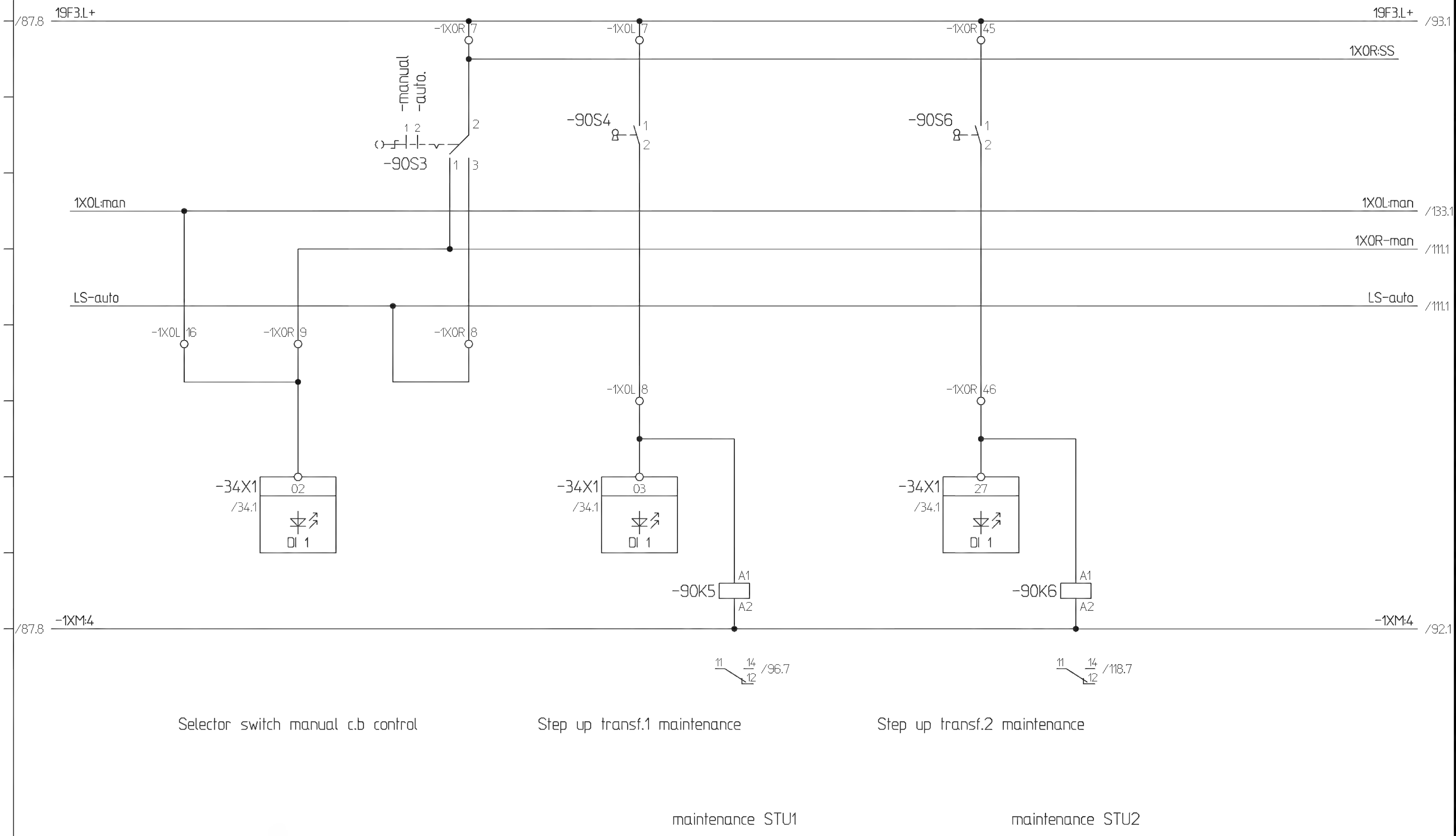
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION

Selector switches

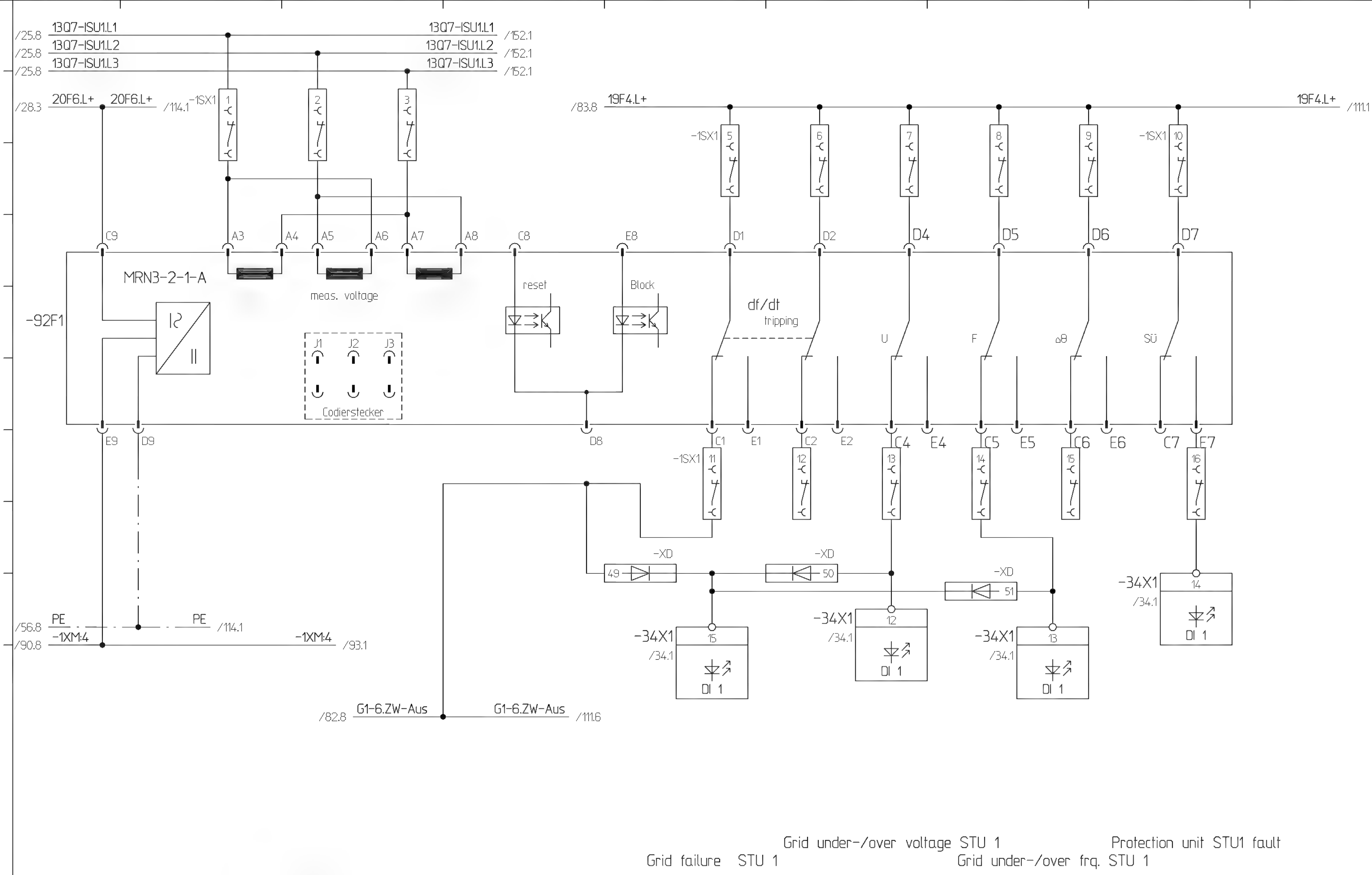
Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 90 211 BL

Index	changing	Date	name

Bildbeschreibung
IMAGE DESCRIPTION

spare

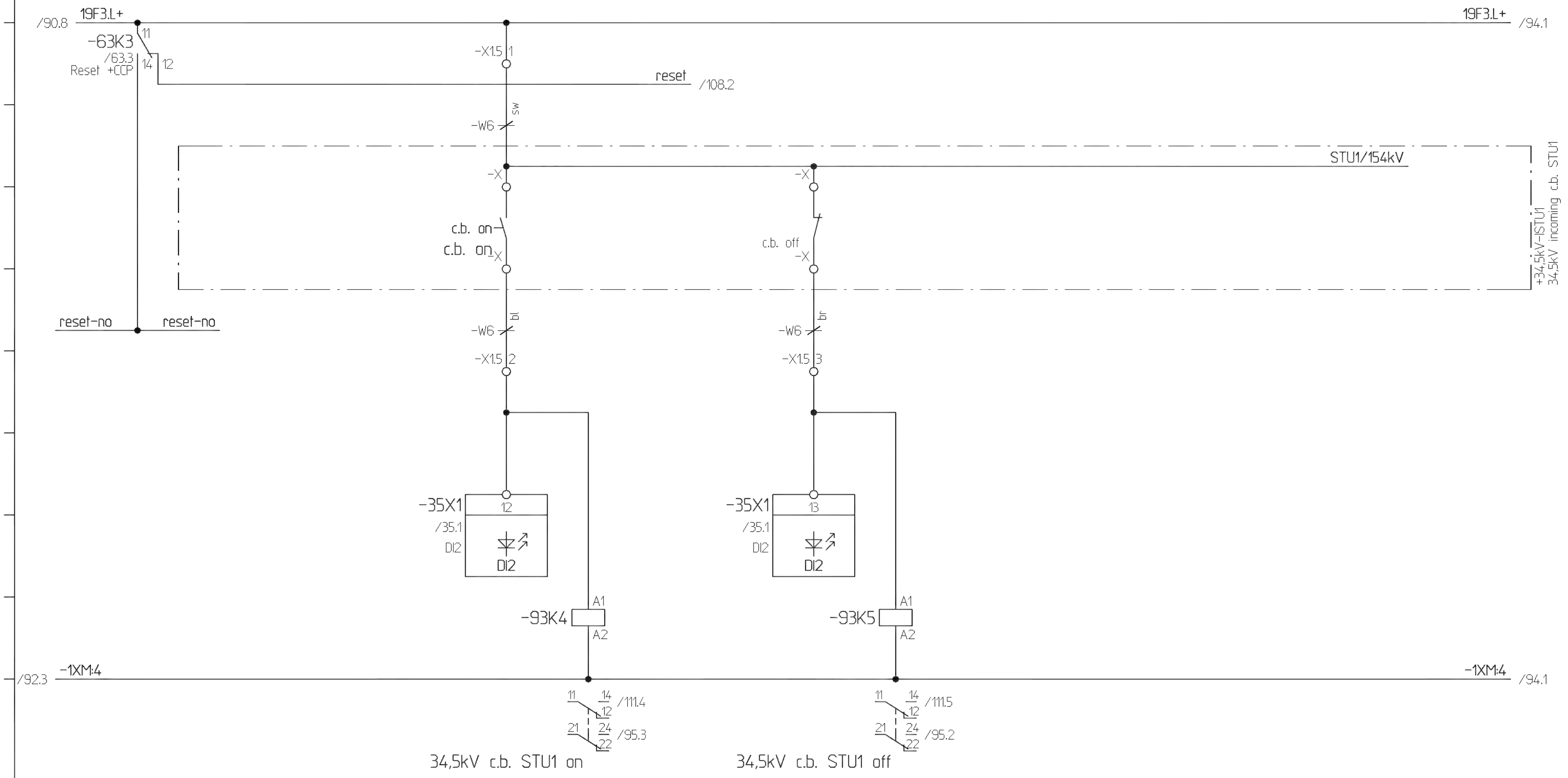
Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 91 / 211 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



Bildbeschreibung IMAGE DESCRIPTION: Grid failure protection STU 1

Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
Check	A. Stellmann			Common Control Panel	43730	437300
Norm	33	Orig.	Ersf.	Ersd. 11.09.03		

Index | changing | Date | name



34,5kV c.b. STU1 on

34,5kV c.b. STU1 off

Bildbeschreibung
IMAGE DESCRIPTION 34,5kV signals c.b. step up transf. 1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

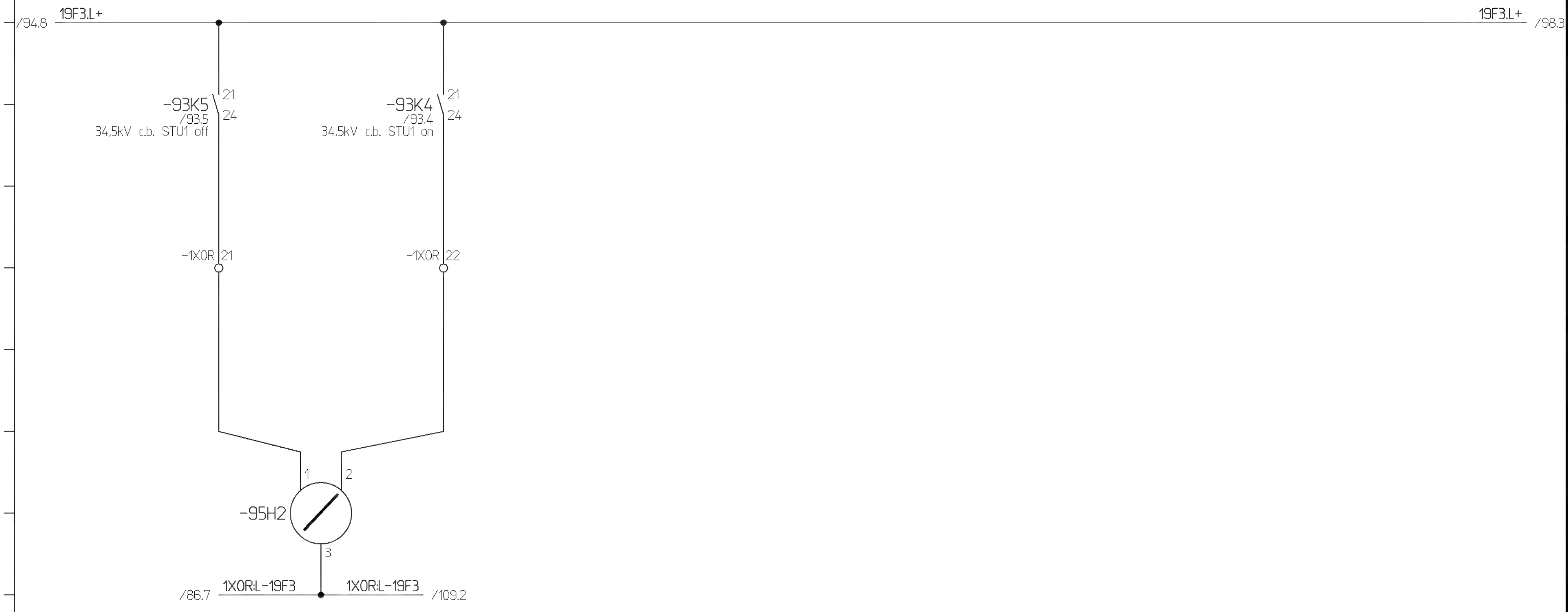
=DPP
+CCP

/93.8 19F3.L+ — 19F3.L+ /95.1

/93.8 -1XM:4 — -1XM:4 /96.1

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 94 / 211 BL

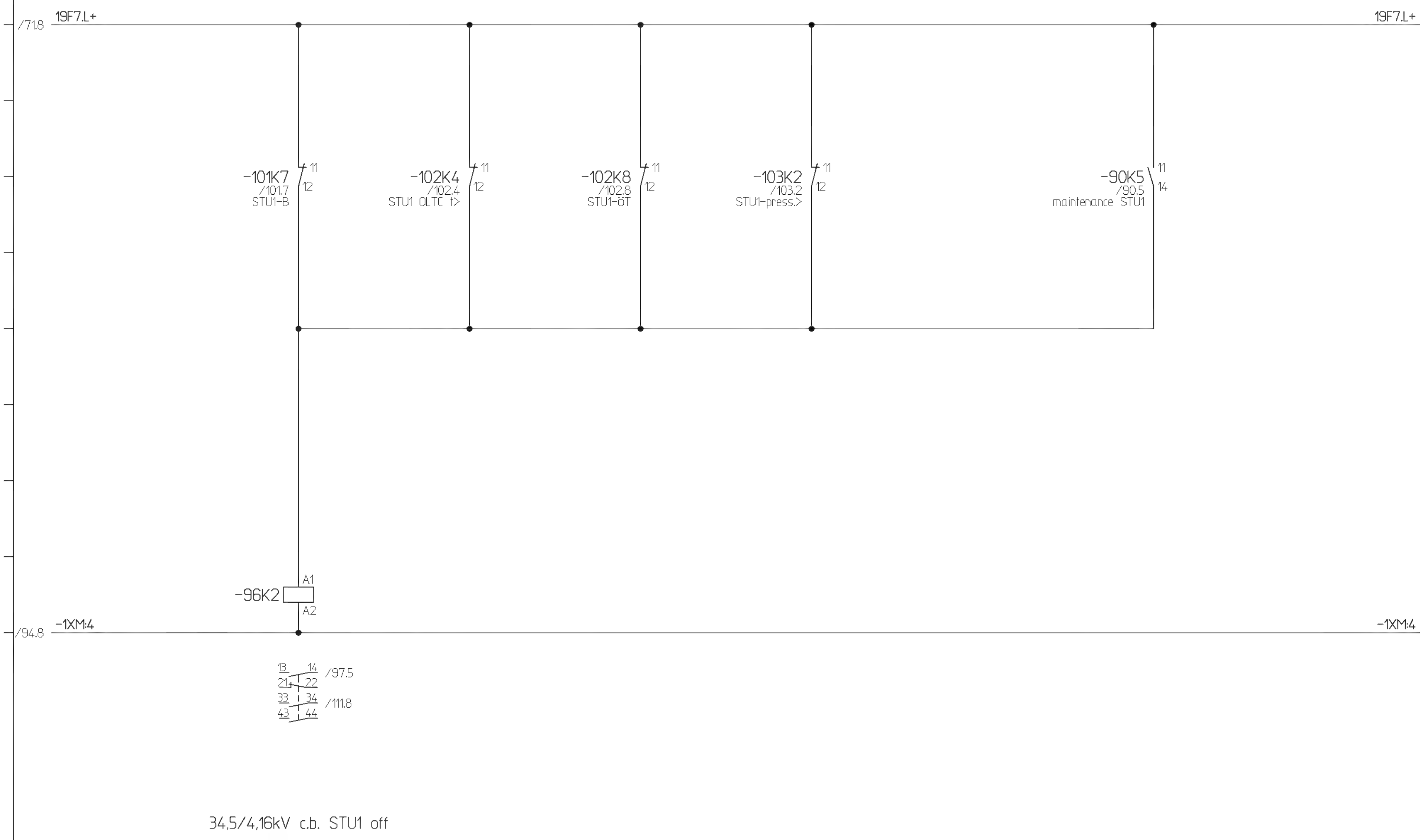


34,5kV c.b. step up transf. 1

Bildbeschreibung IMAGE DESCRIPTION: 34,5kV c.b. step up transf. 1 indication

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	437300
Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			page 95 / 211 BL

Index	changing	Date	name



Bildbeschreibung IMAGE DESCRIPTION: 34,5kV c.b. step up transf. 1 control

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ersd. 11.09.03

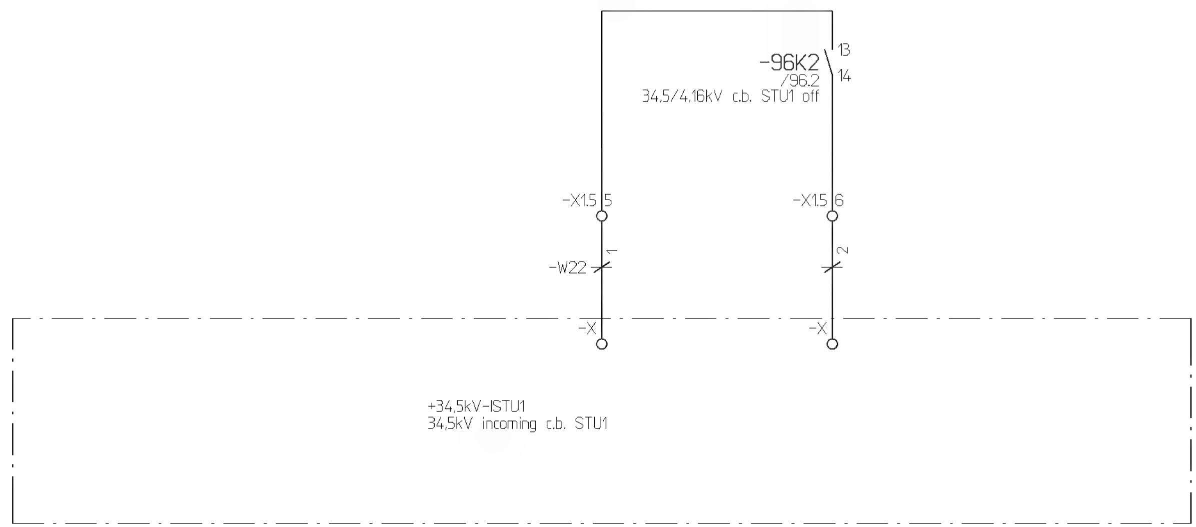
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP

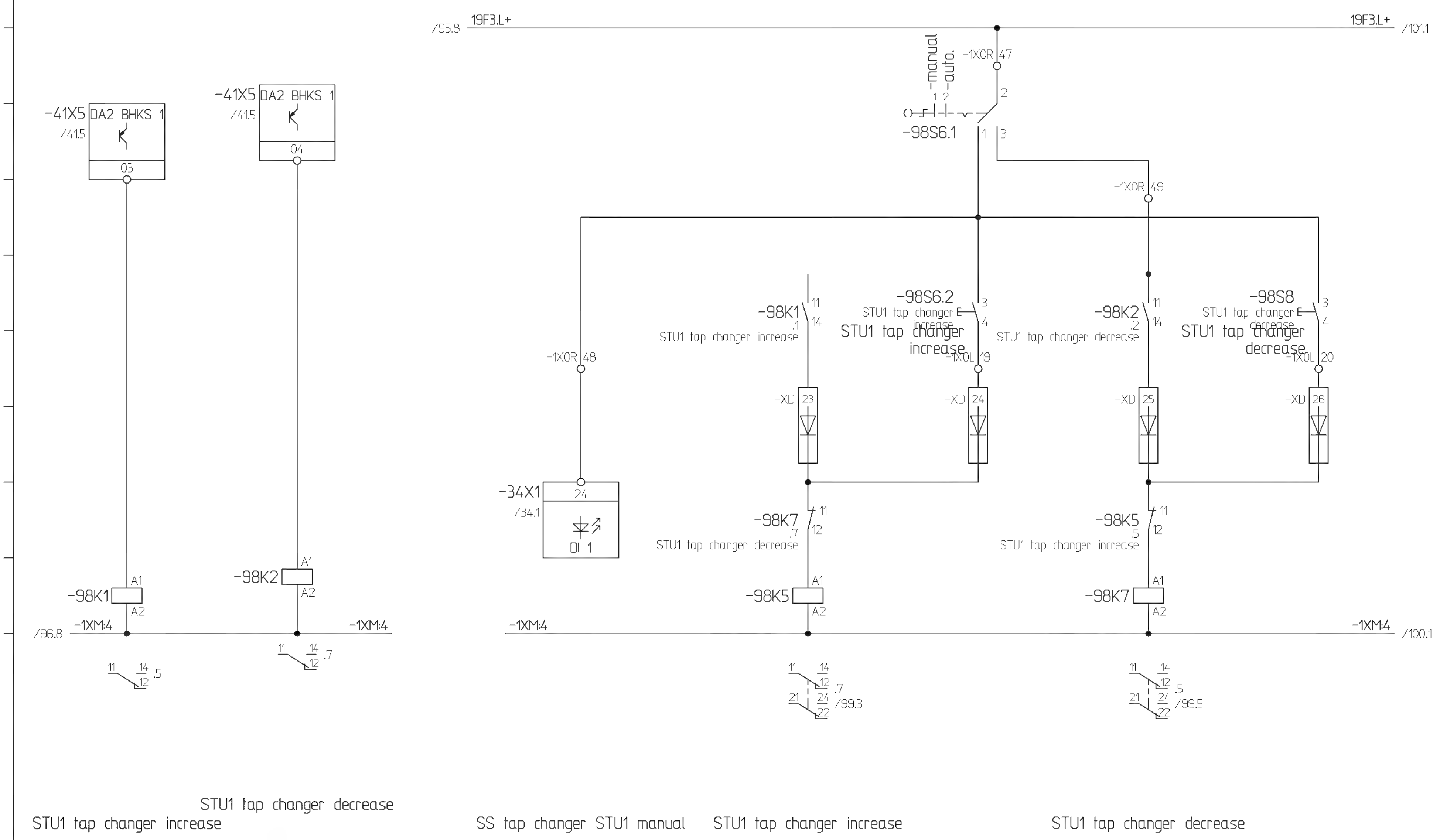


34,5kV c.b. STU1 off

Bildbeschreibung
IMAGE DESCRIPTION

34,5kV c.b. step up transf. 1 control

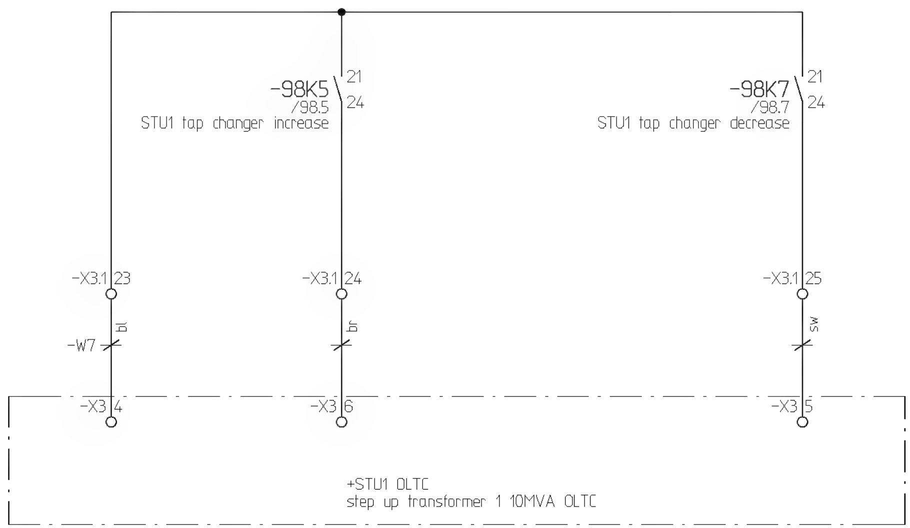
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 97
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Control tap changer step up transf. 1

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann					
				Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03		page 98 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Control tap changer step up transf. 1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

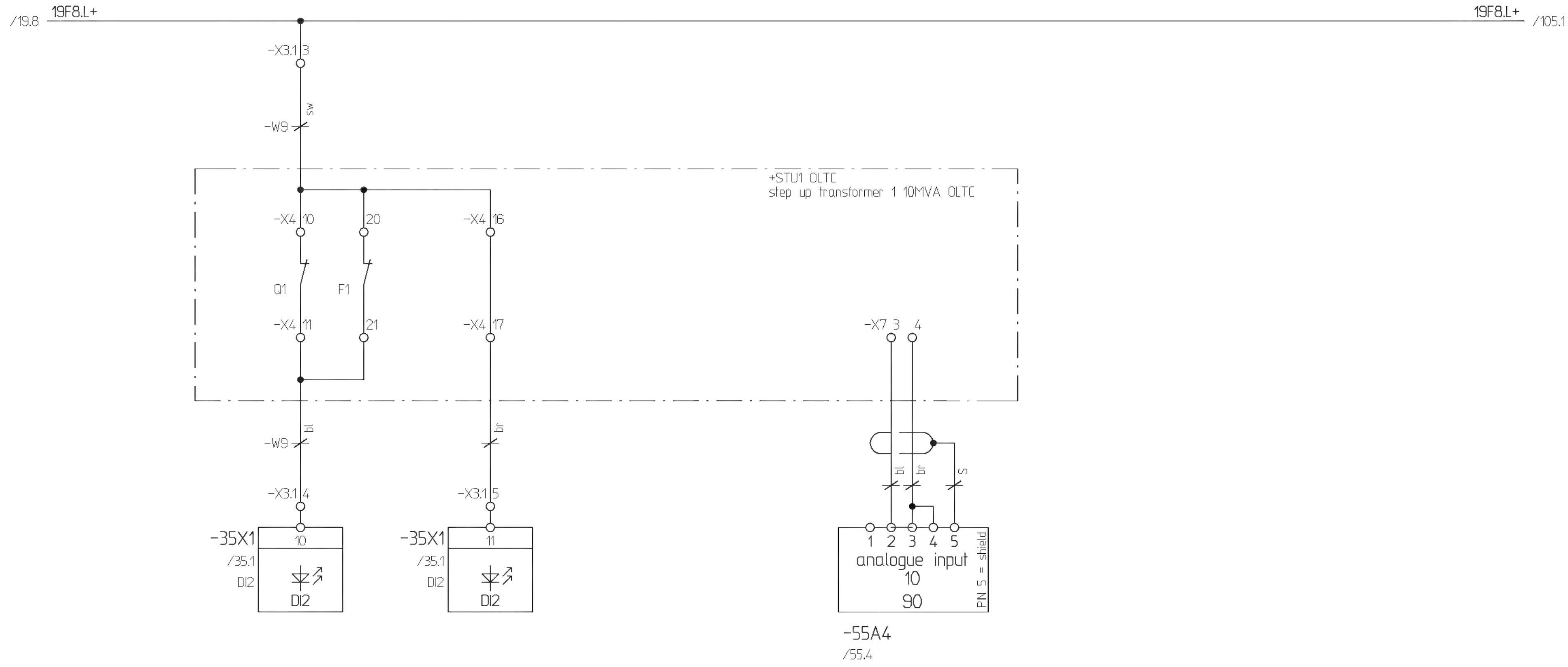
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



Motor drive unit step up transf. 1 in remote

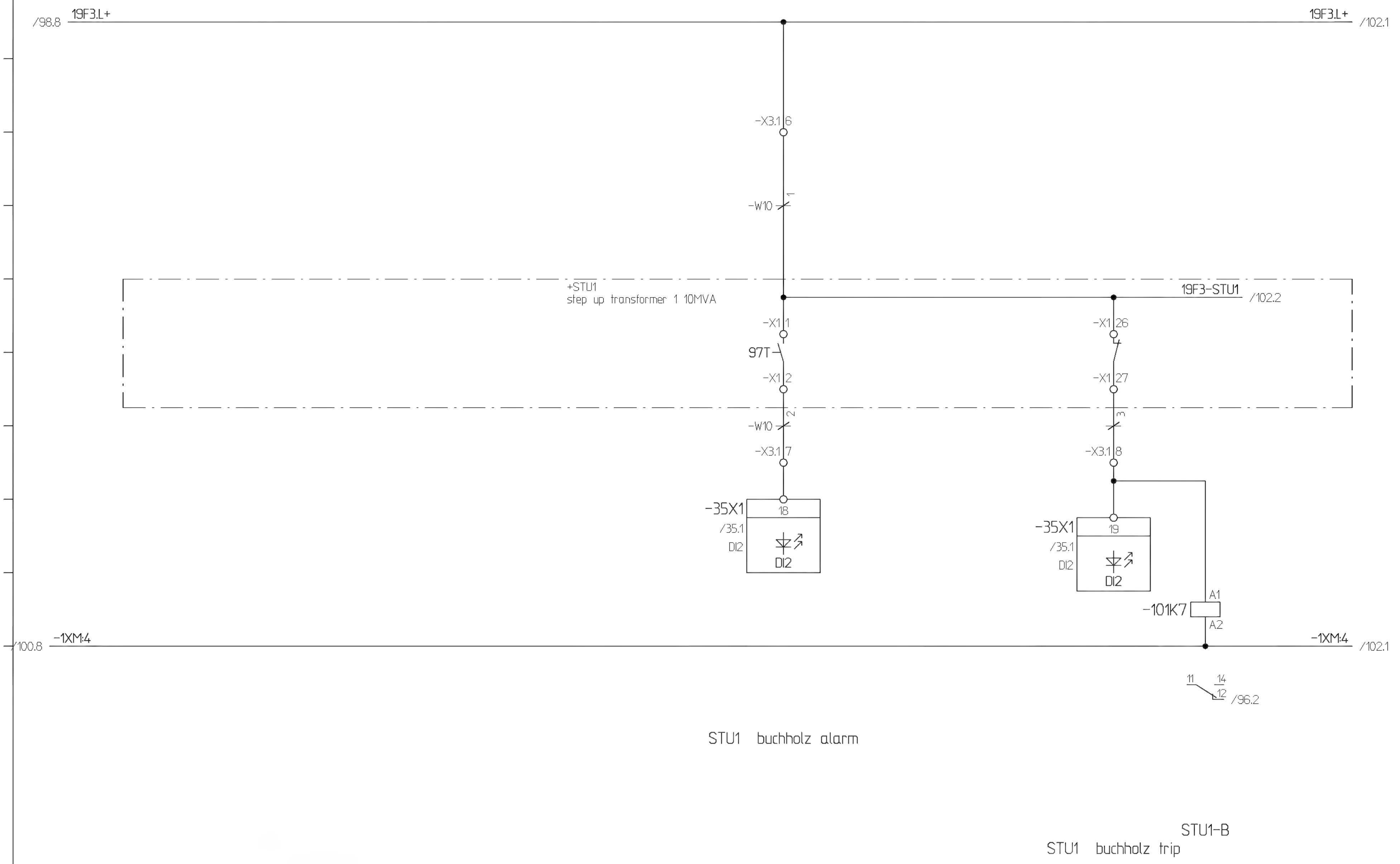
step up transformer 1 OLTC position
4-20mA=1-19 (-1-8-9A 9 9B -10-17)

Motor drive unit step up transf. 1 fault

Bildbeschreibung
IMAGE DESCRIPTION

Control tap changer step up transf. 1

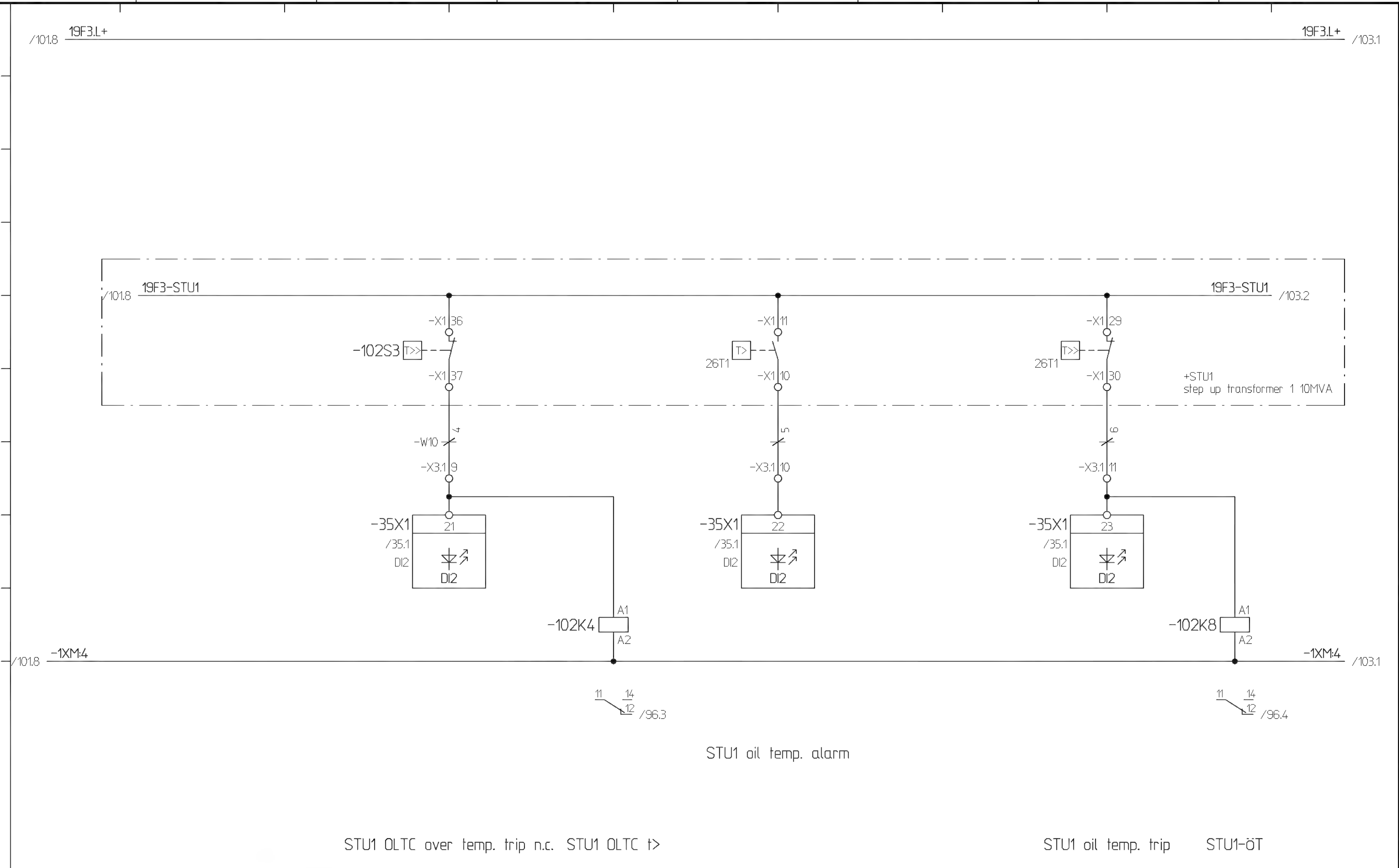
				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03		page 100 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Step up transformer 1 protection

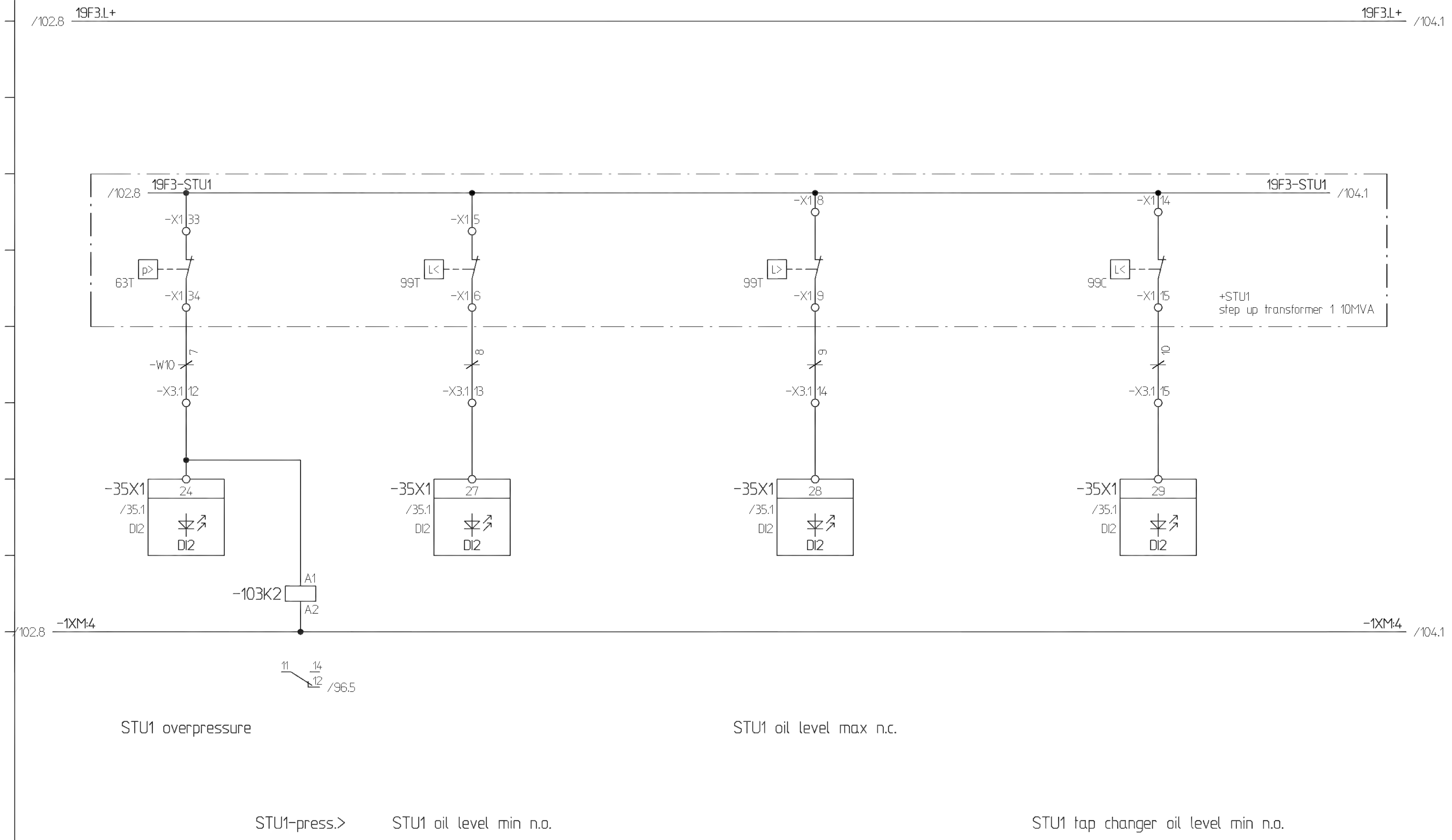
Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 101 / 211 BL
				Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			



Bildbeschreibung
IMAGE DESCRIPTION

Step up transformer 1 protection

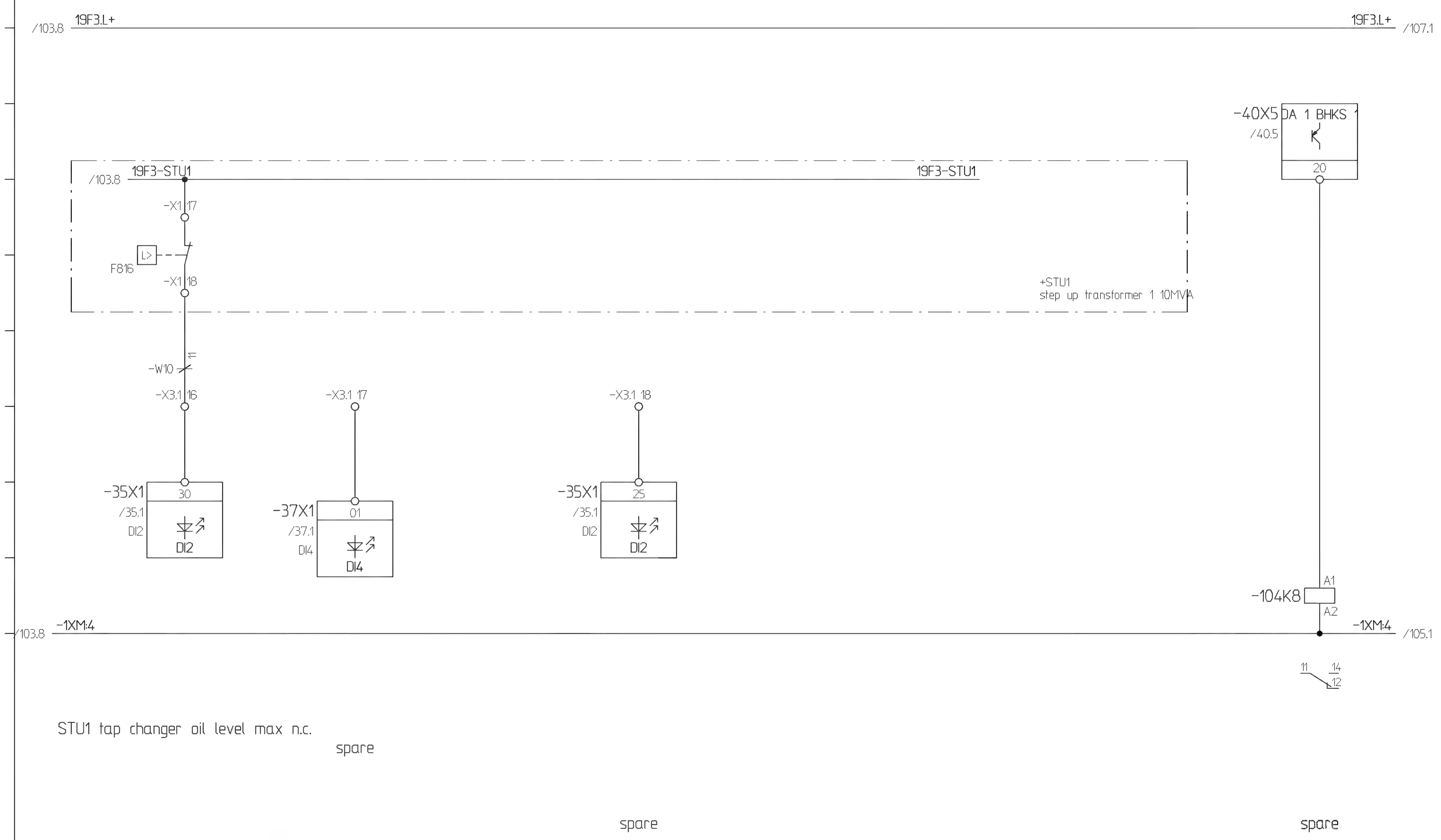
Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. Ers.f.	Ers.d. 11.09.03			page 102 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Step up transformer 1 protection

			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03	page 103 / 211 BL



Bildbeschreibung IMAGE DESCRIPTION: Step up transformer 1 protection

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

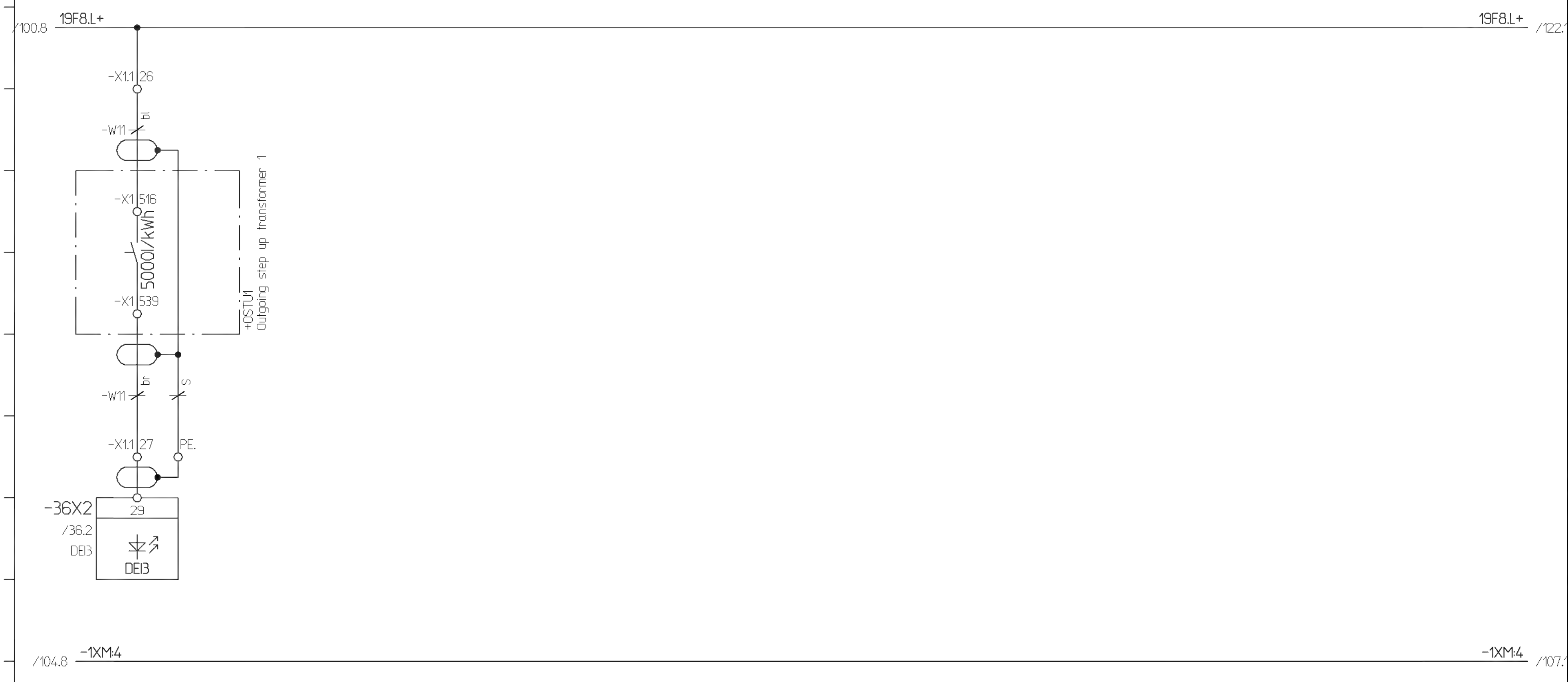
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



kWh counter STU1 1251/1664kWh

Bildbeschreibung
IMAGE DESCRIPTION

kWh counter input STU1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

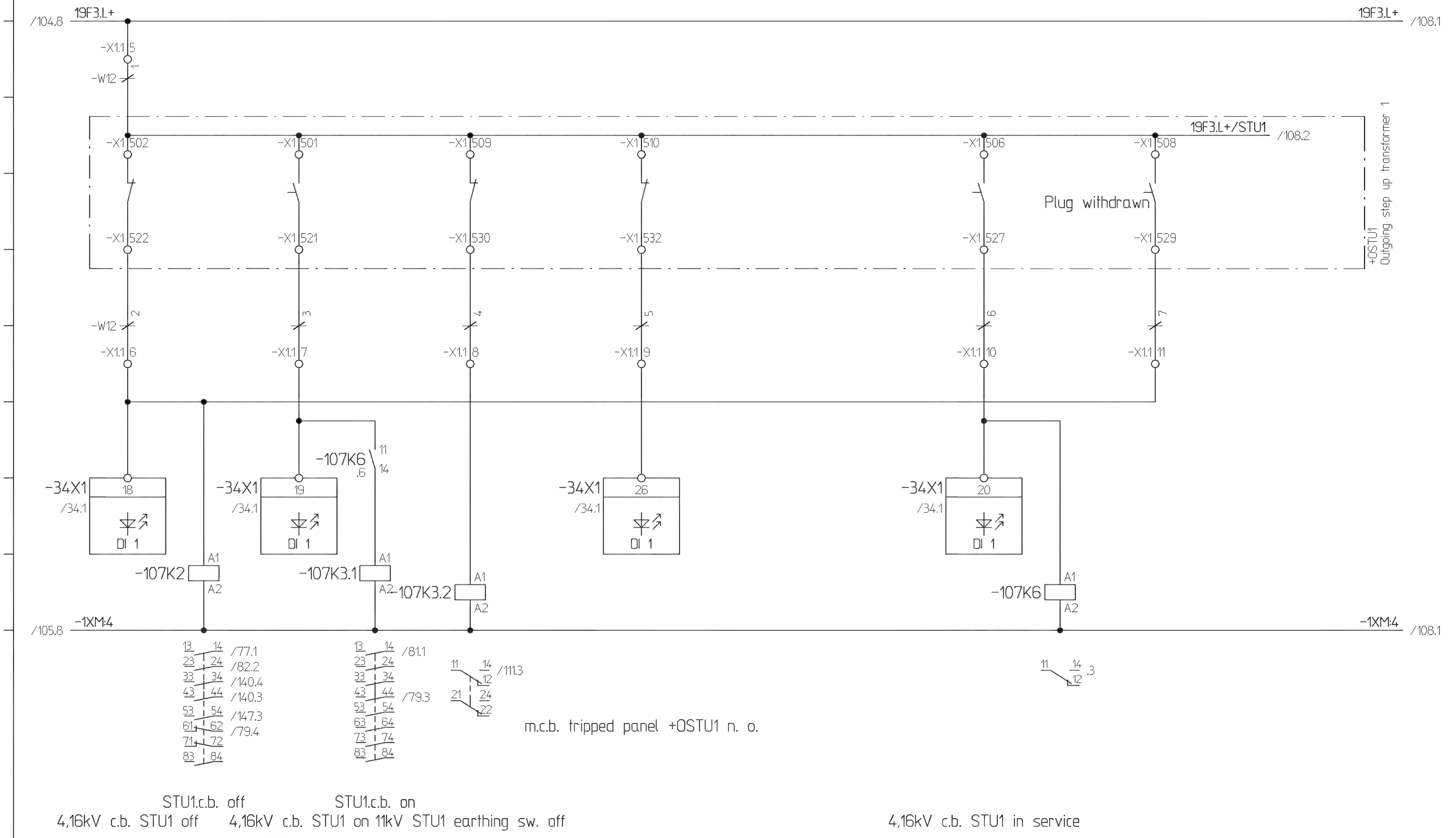
43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

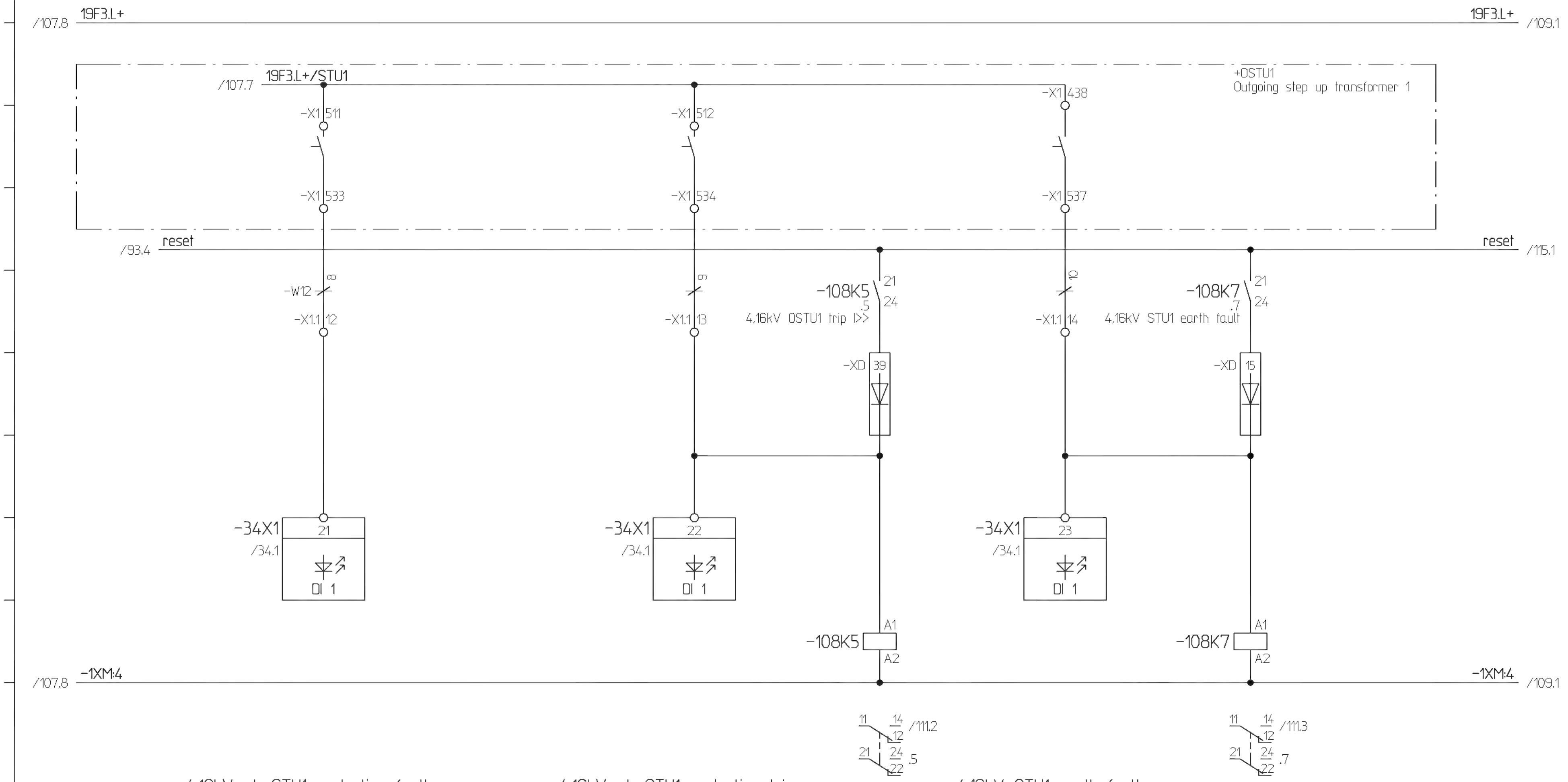
spare

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
				Desig.	A. Stellmann							
				Check	A. Stellmann							page 106
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03		43730	437300	211 BL



Bildbeschreibung IMAGE DESCRIPTION: Control 4,16kV c. b. step up transf.1

Index	changing	Date	name						
Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP			
Desig.	A. Stellmann				43730	437300	page 107		
Check	A. Stellmann						211 BL		
Norm	33	Orig.	Ersf.	Ersd. 11.09.03					



Bildbeschreibung
IMAGE DESCRIPTION
Control 4,16kV c. b. step up transf.1

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig.	Ersf.	Ers.d. 11.09.03		
				Norm	33					



11kV Outgoing feeder step up transf. 1

Bildbeschreibung IMAGE DESCRIPTION: Indication 11kV c.b. step up tr.1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

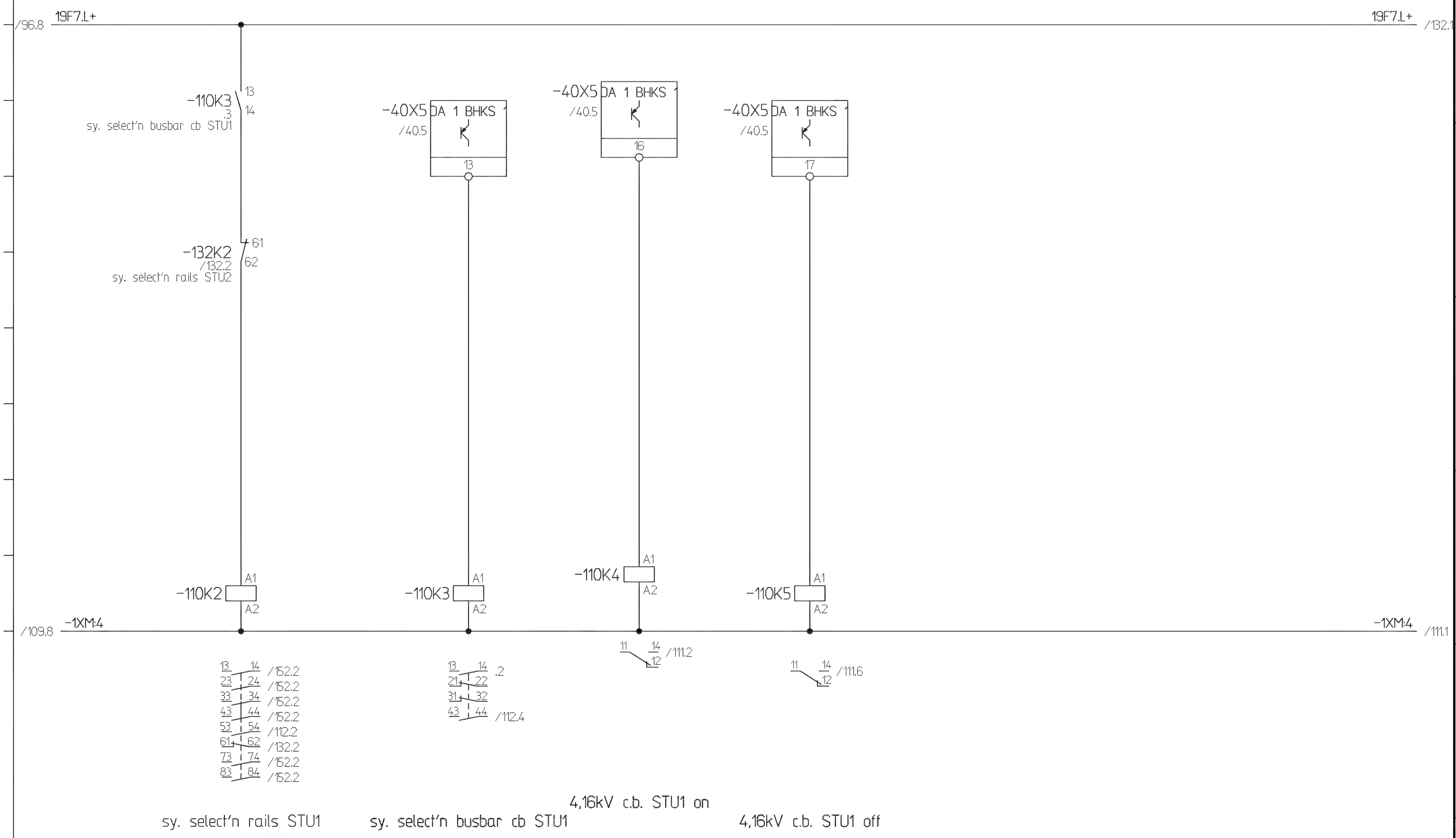
Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 | 437300

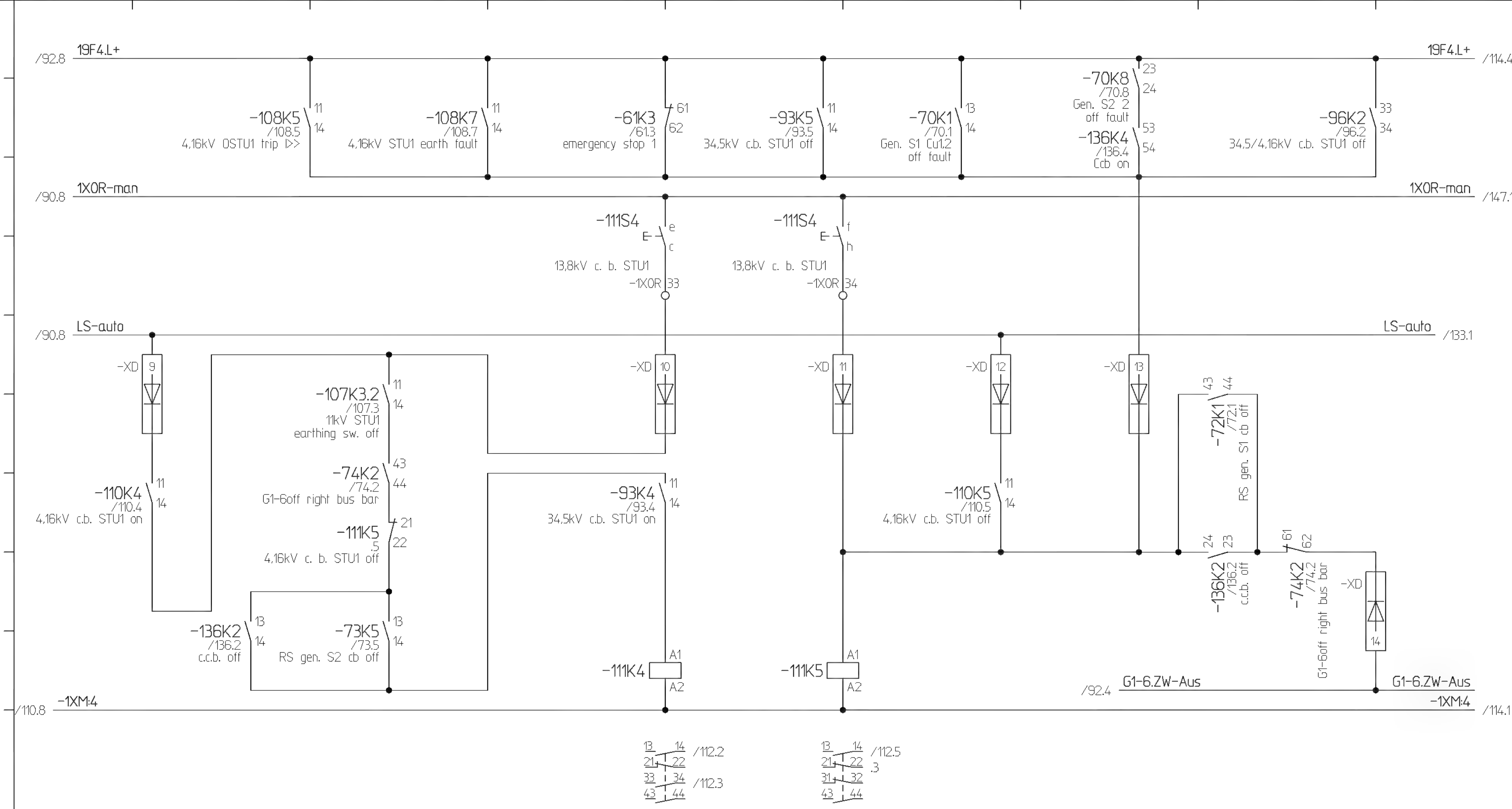
=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION

4,16kV step up transf. 1 c. b. control

Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03				
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines		KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
				Desig.	A. Stellmann					43730	437300	page 110
				Check	A. Stellmann							211 BL



4,16kV c. b. STU1 on 4,16kV c. b. STU1 off

Bildbeschreibung IMAGE DESCRIPTION: 4,16kV step up transf. 1 c. b. control

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ersd. 11.09.03

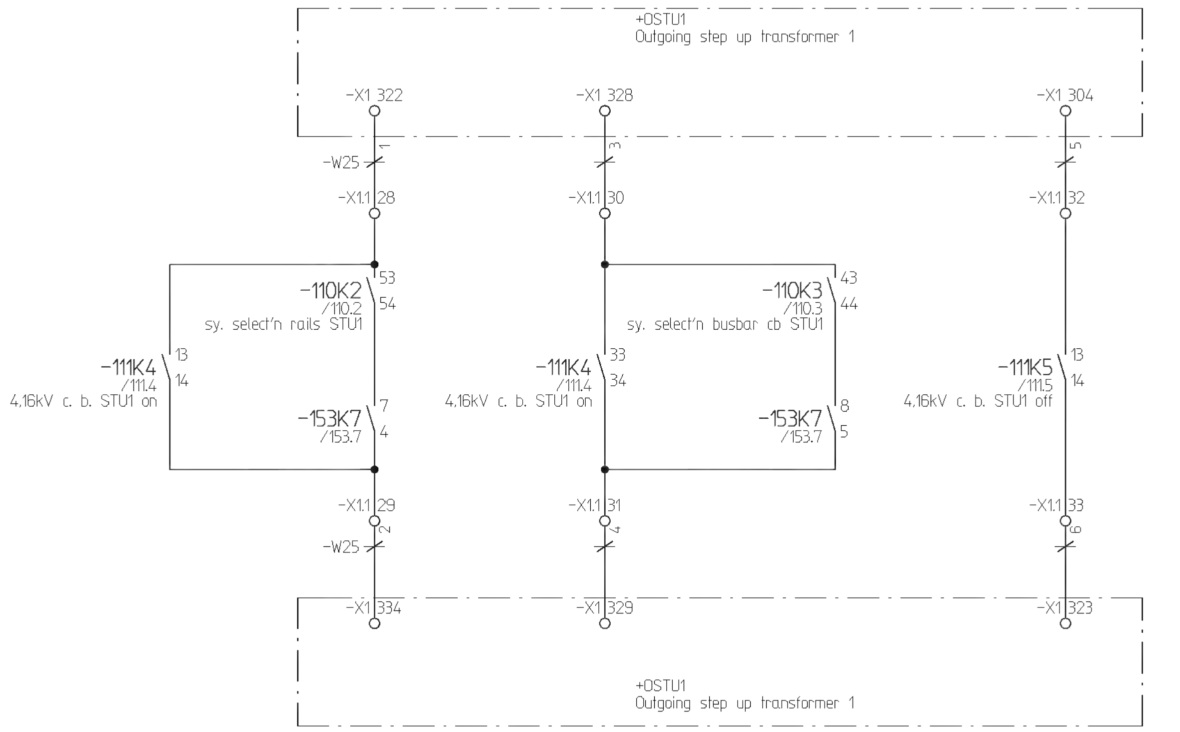
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION

4,16kV step up transf. 1 c. b. control

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ersd. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

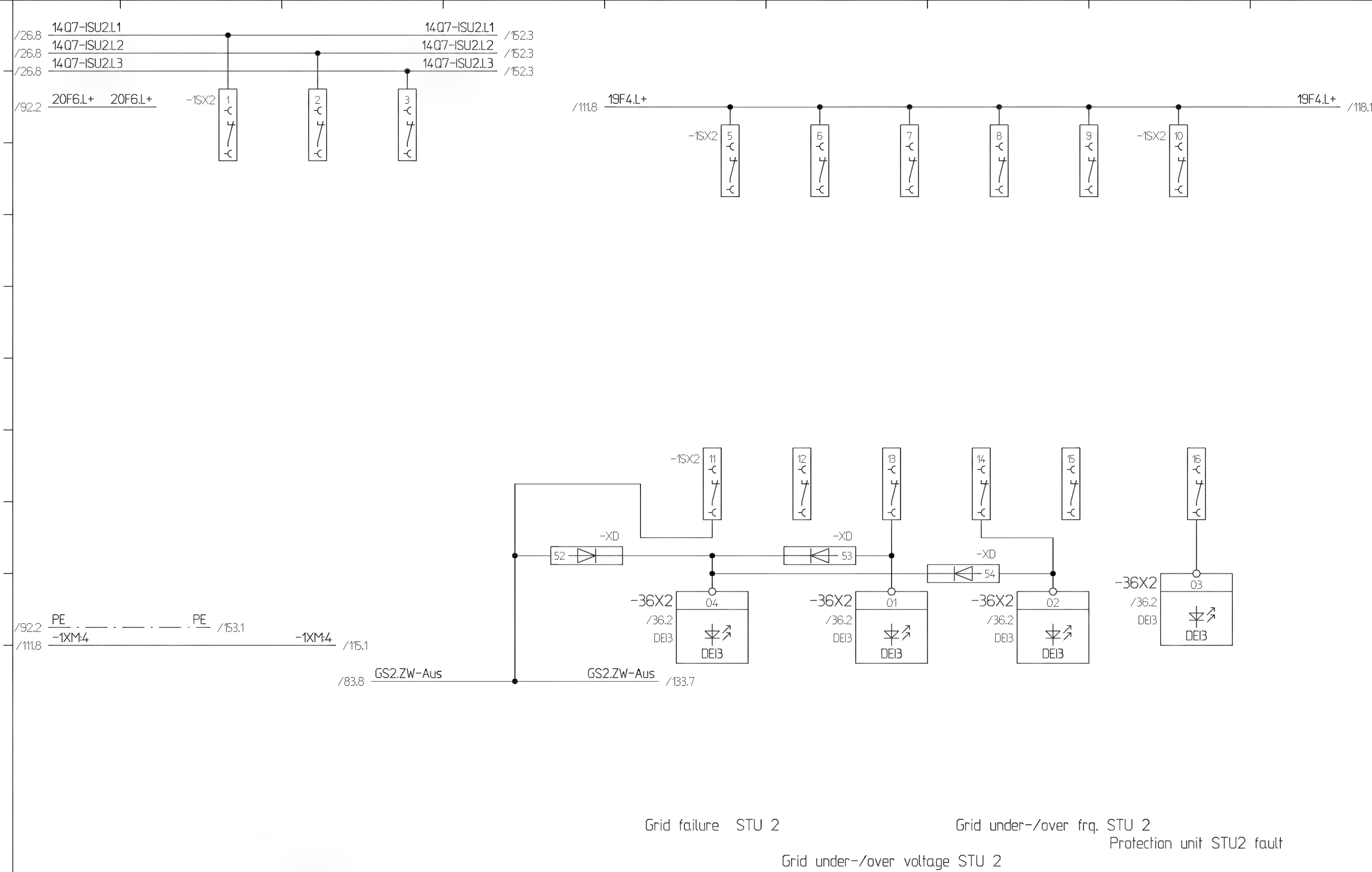
4500005501

43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann					page 113
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 Bl.



Bildbeschreibung
IMAGE DESCRIPTION

Grid failure prot. STU2 extension

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

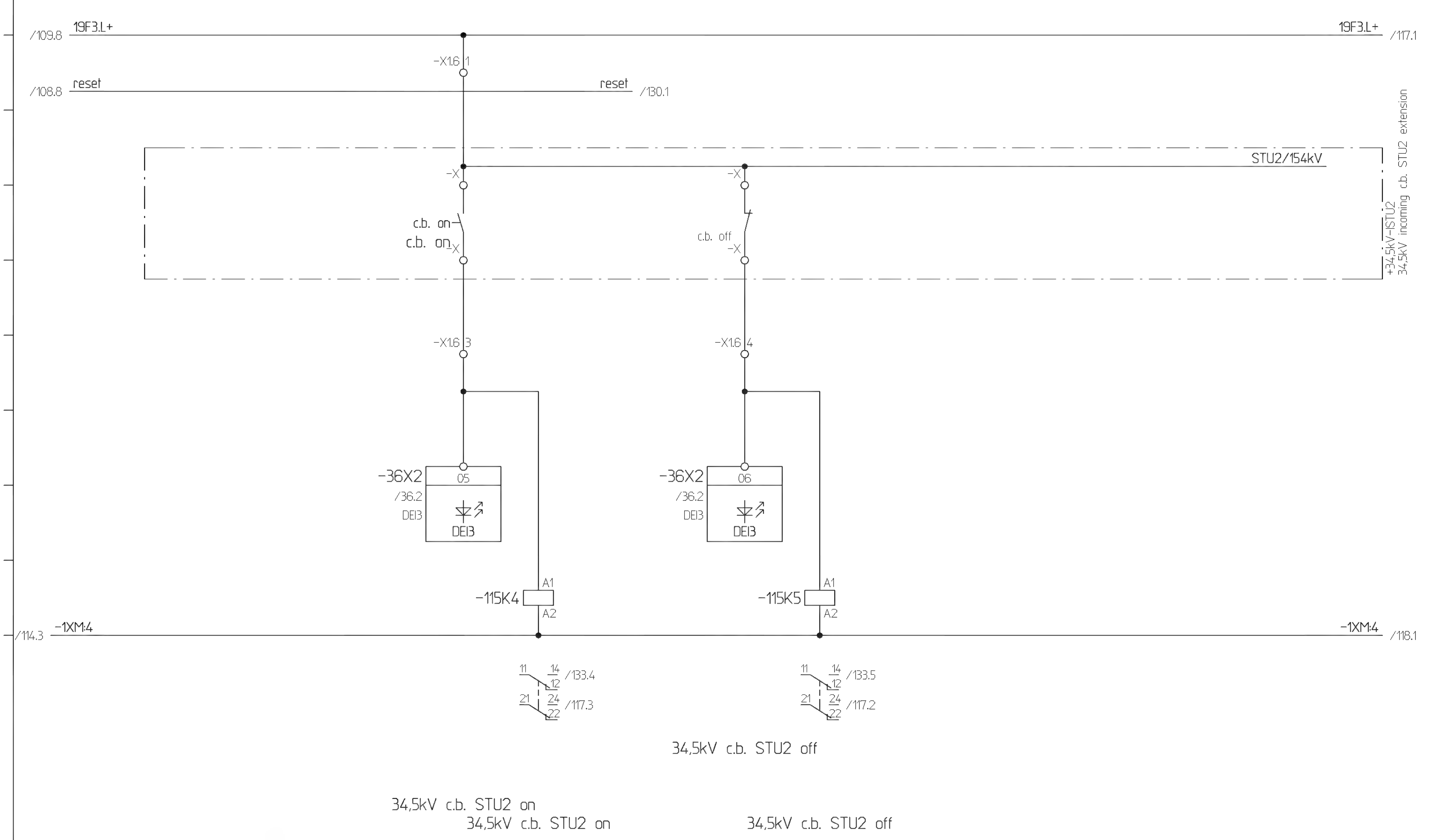
Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 | 437300

=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION 34,5kV signals c.b. step up transf. 2 ex

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

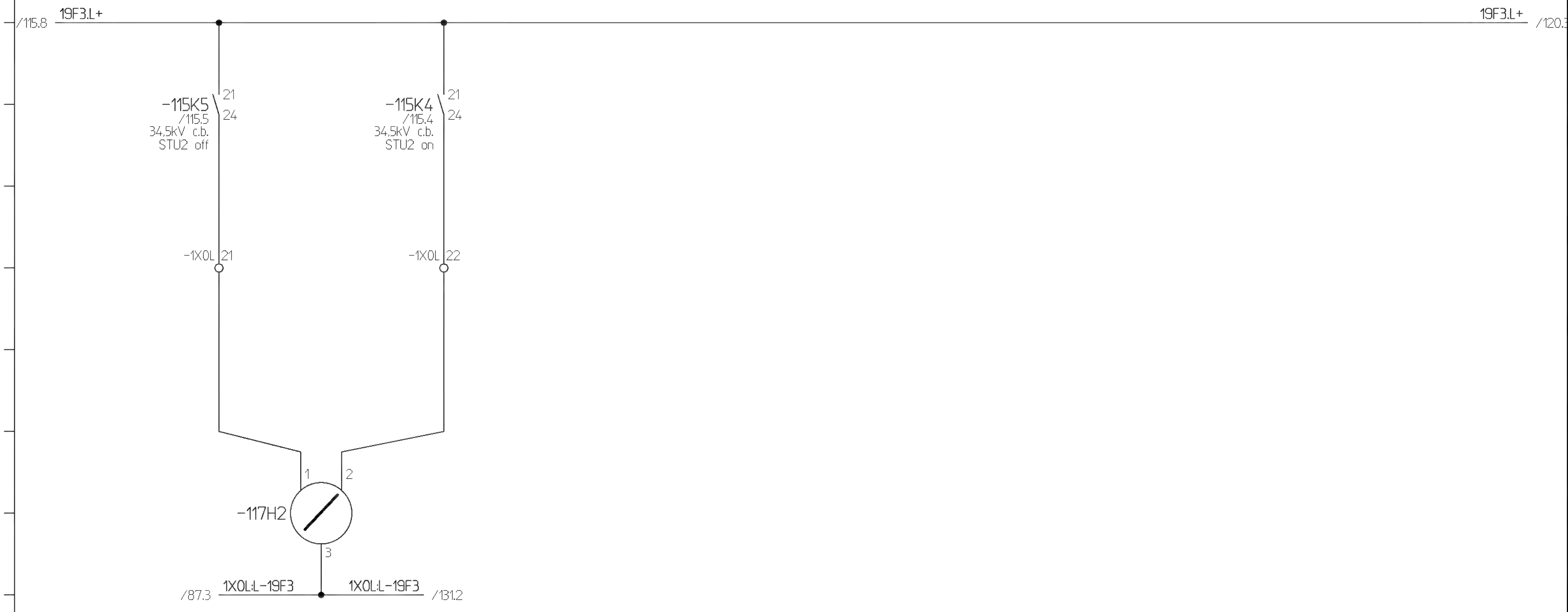
4500005501

43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



154kV c.b. step up transf. 2

Bildbeschreibung
IMAGE DESCRIPTION
34,5kV c.b. step up transf. 2 indication

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

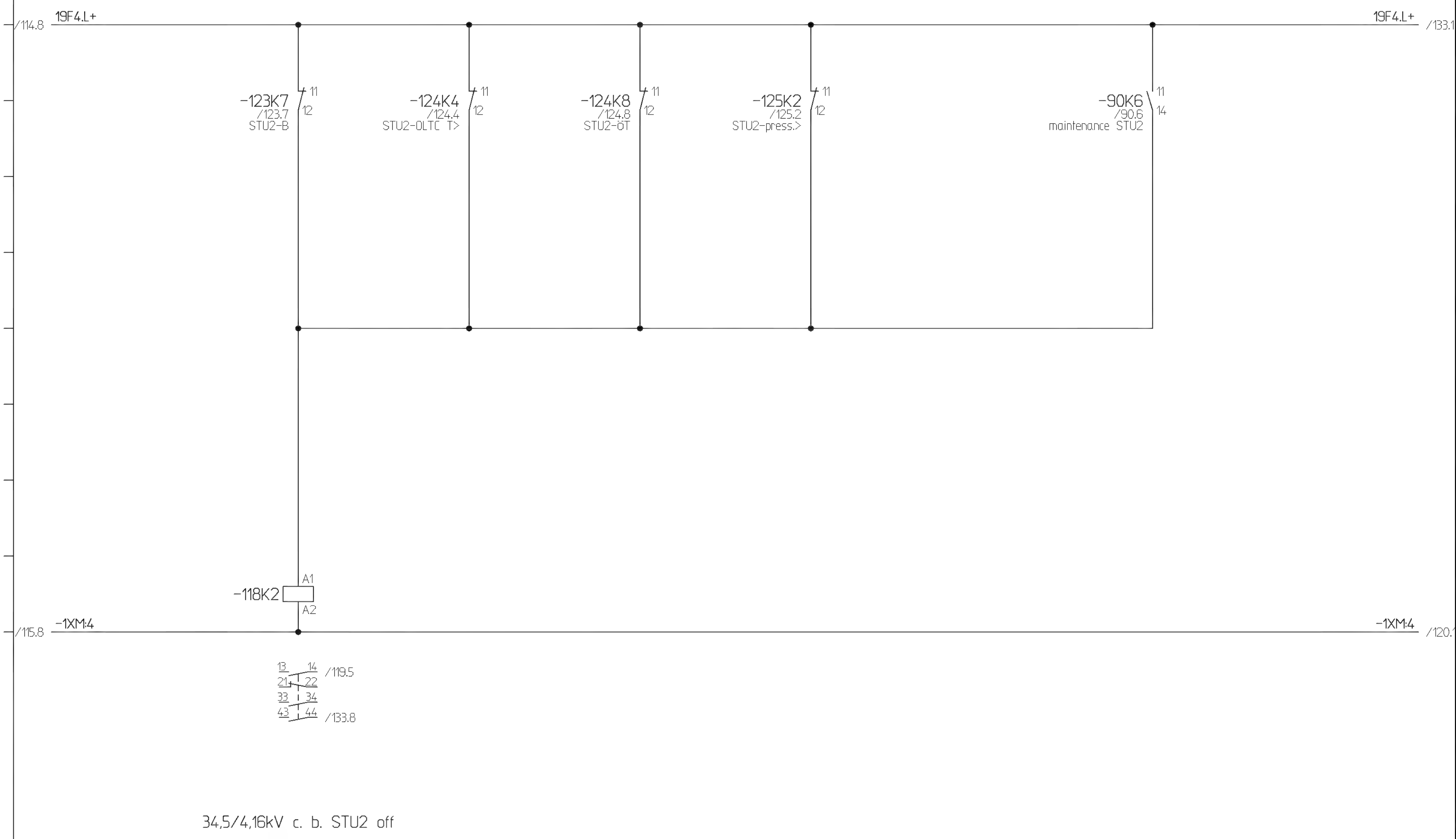
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730
437300

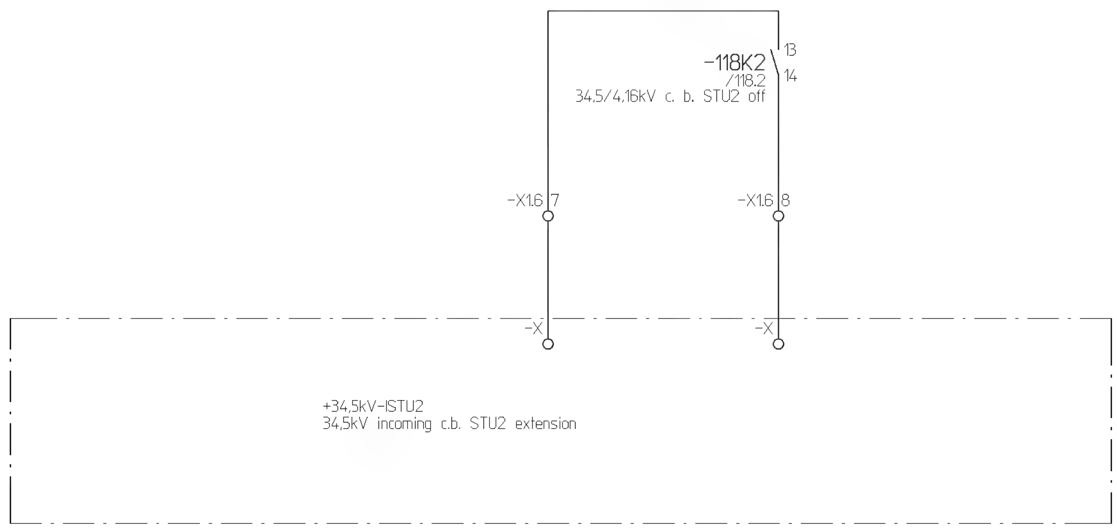
=DPP
+CCP

page 117
211 Bl.



Bildbeschreibung IMAGE DESCRIPTION: 34,5kV c.b. step up transf. 2 control ex

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 118 / 211 BL

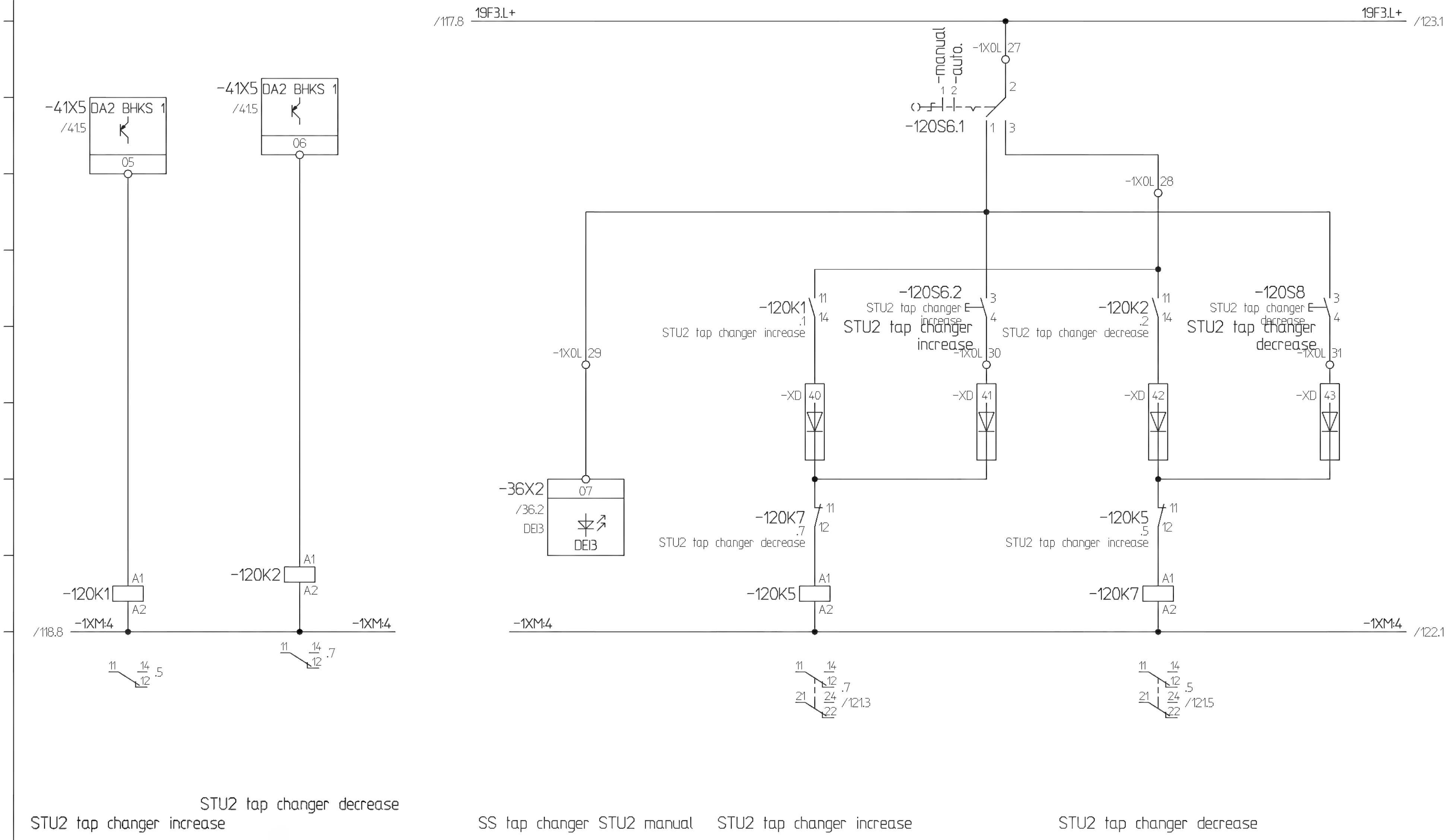


34,5kV c.b. STU2 off

Bildbeschreibung
IMAGE DESCRIPTION
34,5kV c.b. step up transf. 2 control ex

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730 / 437300	page 119 / 211 BL
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			

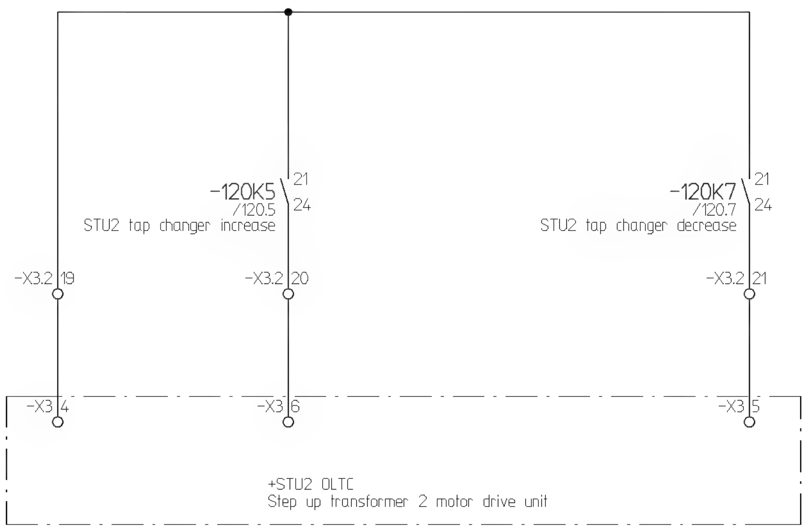
Index | changing | Date | name



Bildbeschreibung
IMAGE DESCRIPTION

Control tap changer step up transf. 2 ex

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann					
				Norm	33	Orig. / Ersf.	Ersd. 11.09.03			page 120 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Control tap changer step up transf. 2 ex

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

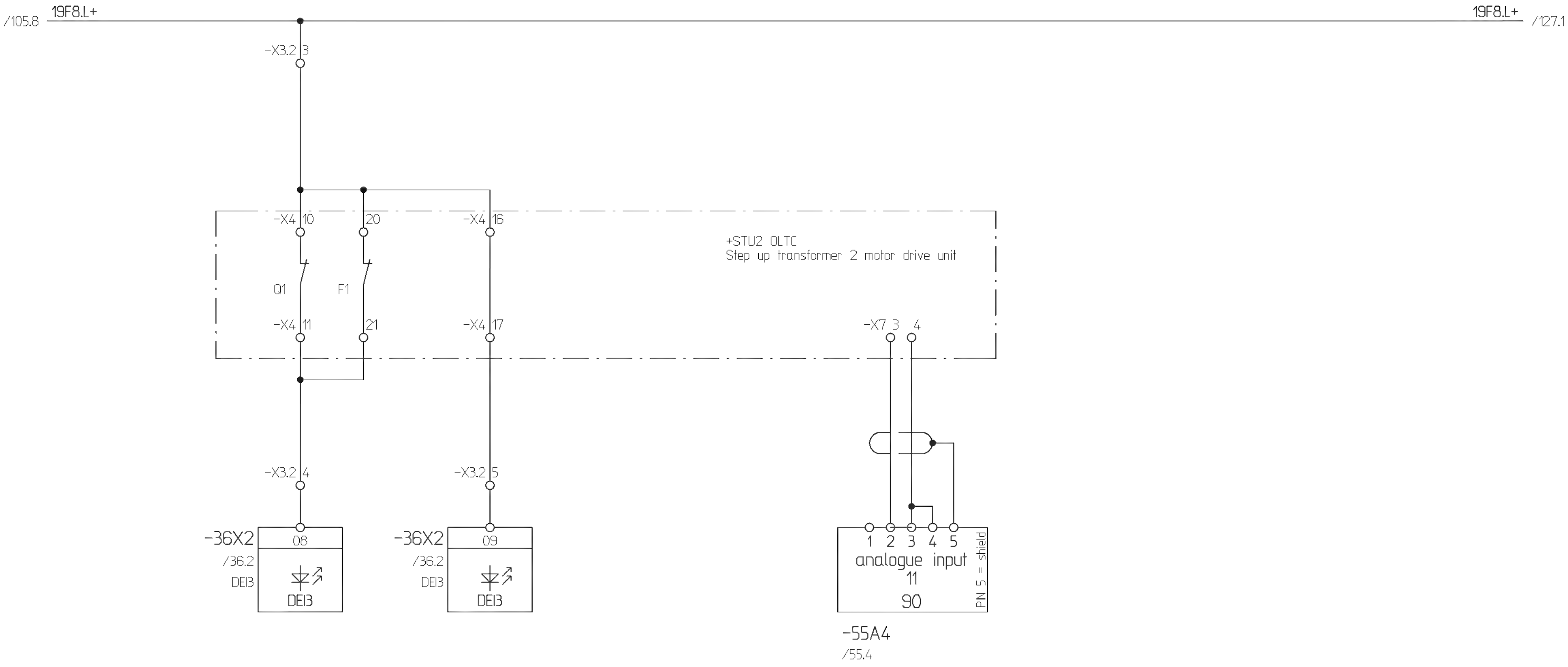
Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | KUHSE | Ersd. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501 | 43730 | 437300

=DPP
+CCP



Motor drive unit step up transf. 2 in remote

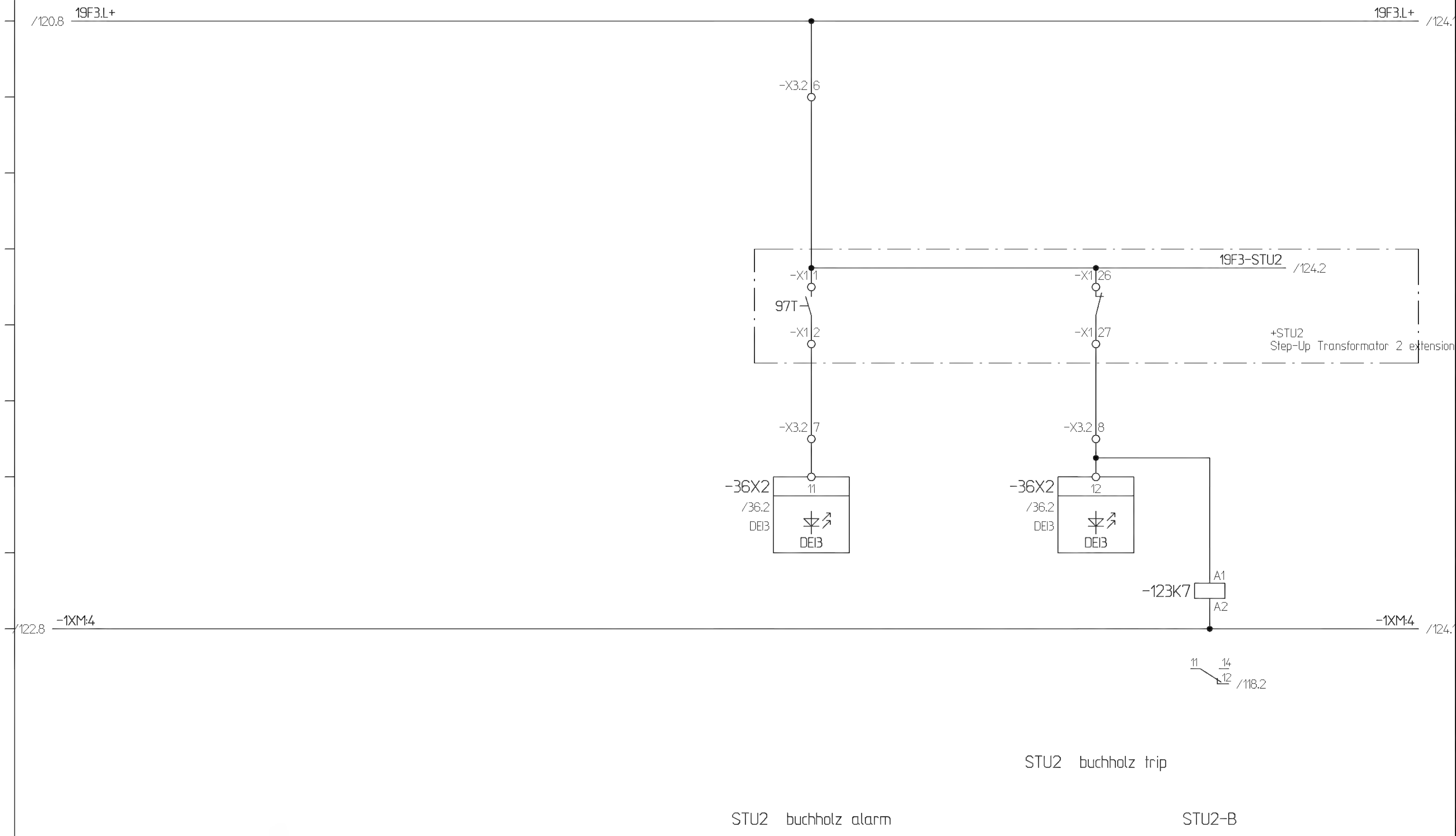
step up transformer 2 OLTC position
4-20mA=1-19 (-1-8-9A 9 9B -10-17)

Motor drive unit step up transf. 2 fault

Bildbeschreibung
IMAGE DESCRIPTION

Control tap changer step up transf. 2 ex

			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
			Desig.	A. Stellmann					
			Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03	page 122 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Step up transformer 2 protection

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

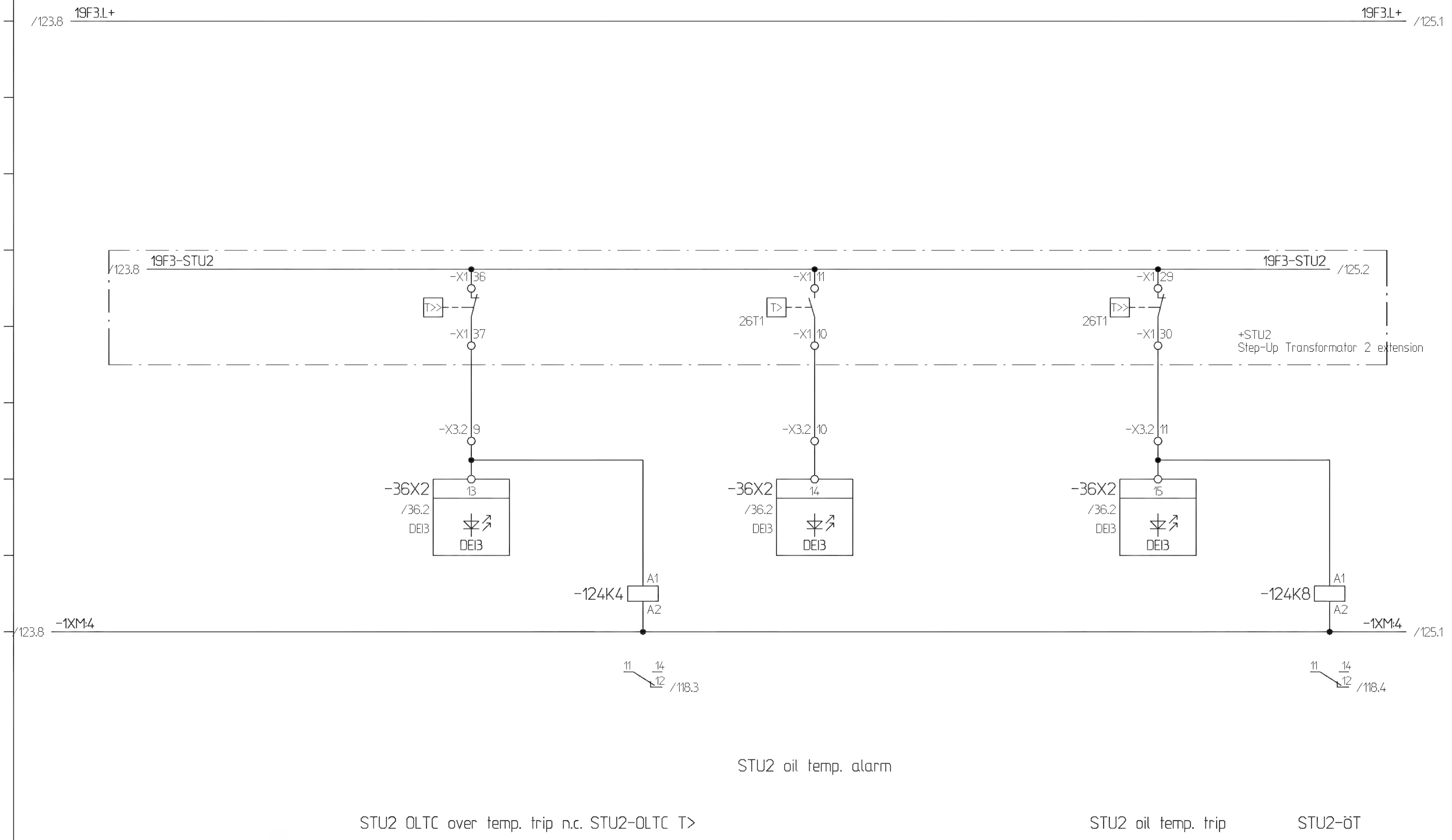
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



Bildbeschreibung IMAGE DESCRIPTION: **Step up transformer 2 protection**

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

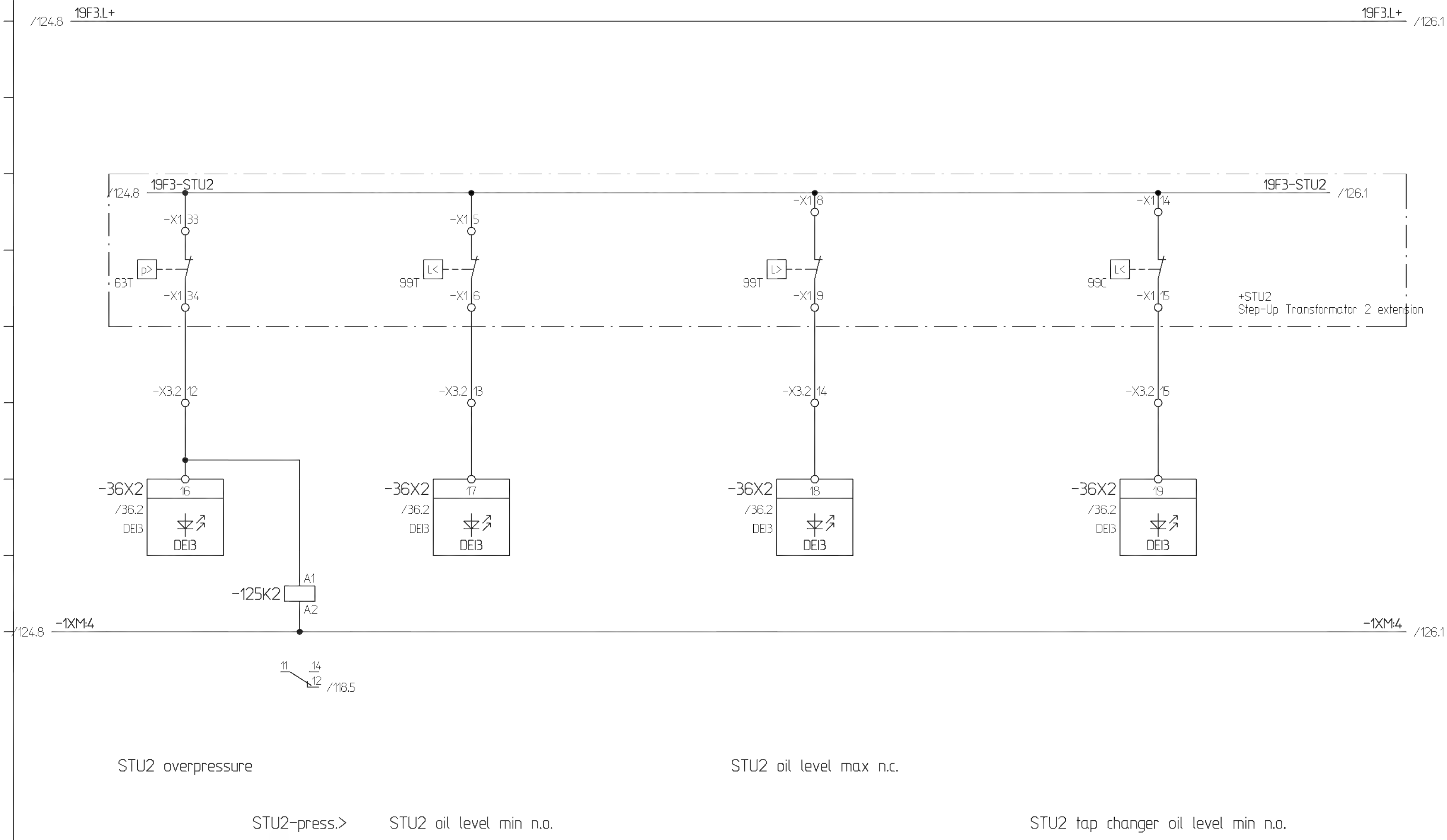
Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 | 437300

=DPP
+CCP

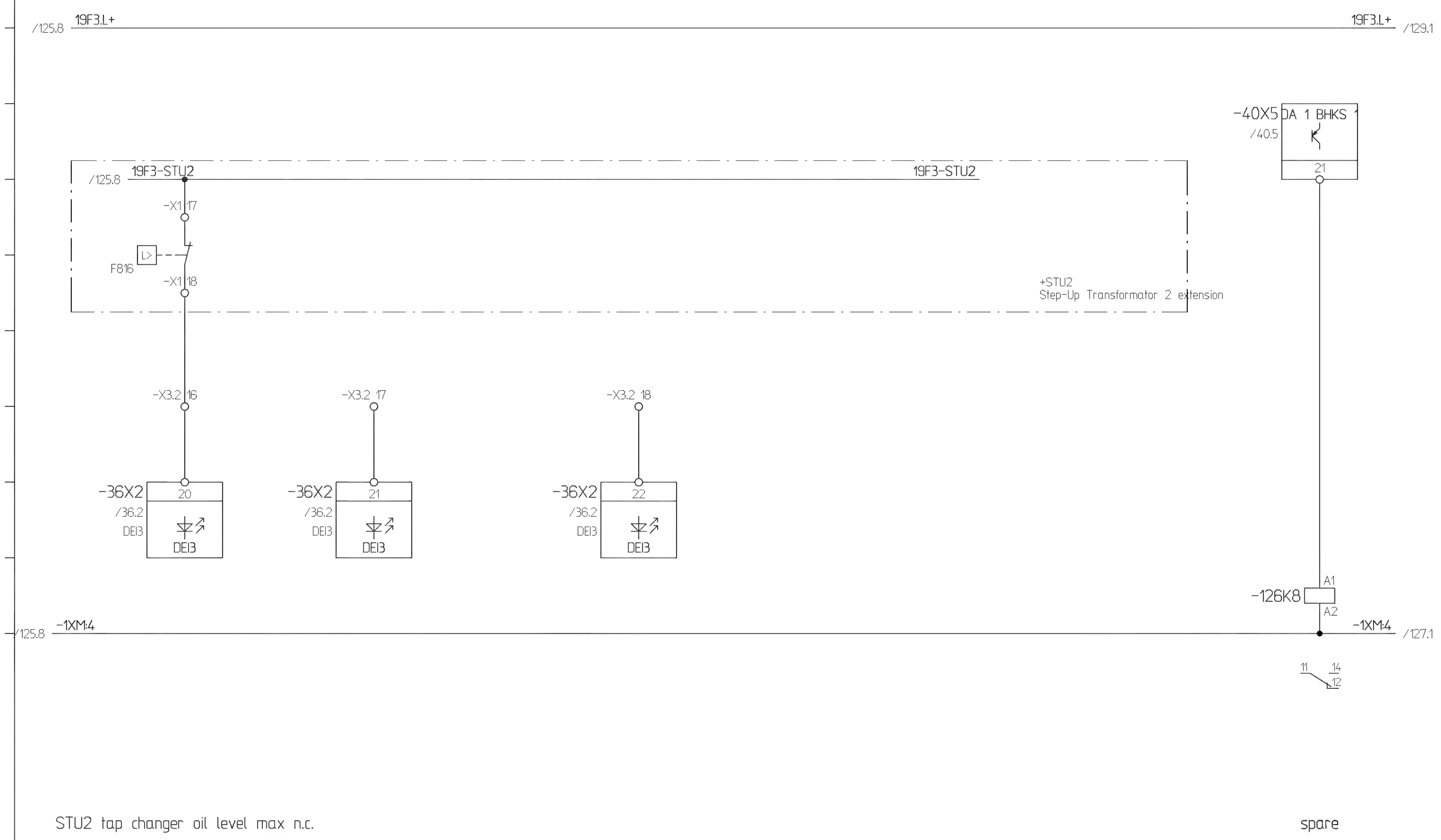


Bildbeschreibung
IMAGE DESCRIPTION

Step up transformer 2 protection

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	437300
Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03		

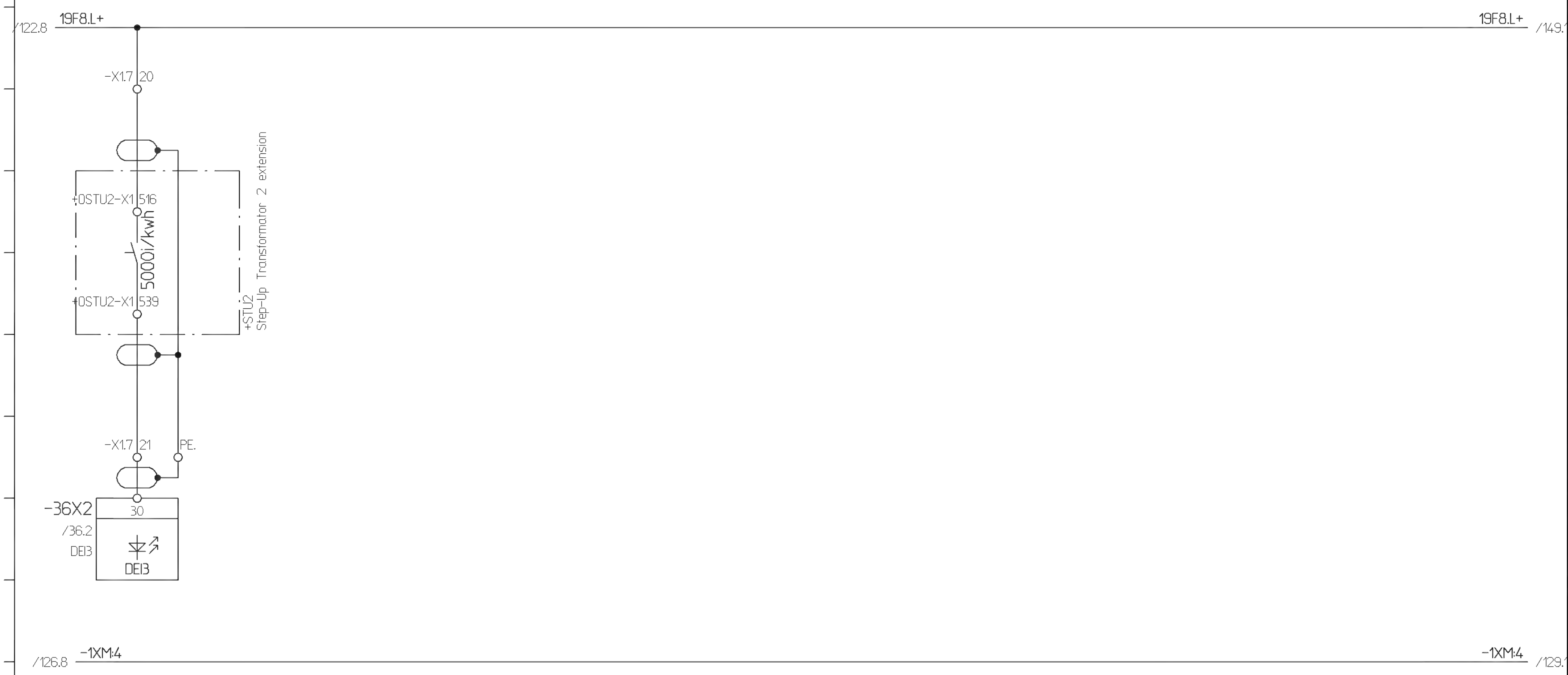
Index	changing	Date	name



Bildbeschreibung
IMAGE DESCRIPTION

Step up transformer 2 protection

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 126 / 211 BL



kWh counter STU2 1251/1664kWh

Bildbeschreibung
IMAGE DESCRIPTION

kWh counter input STU2

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP

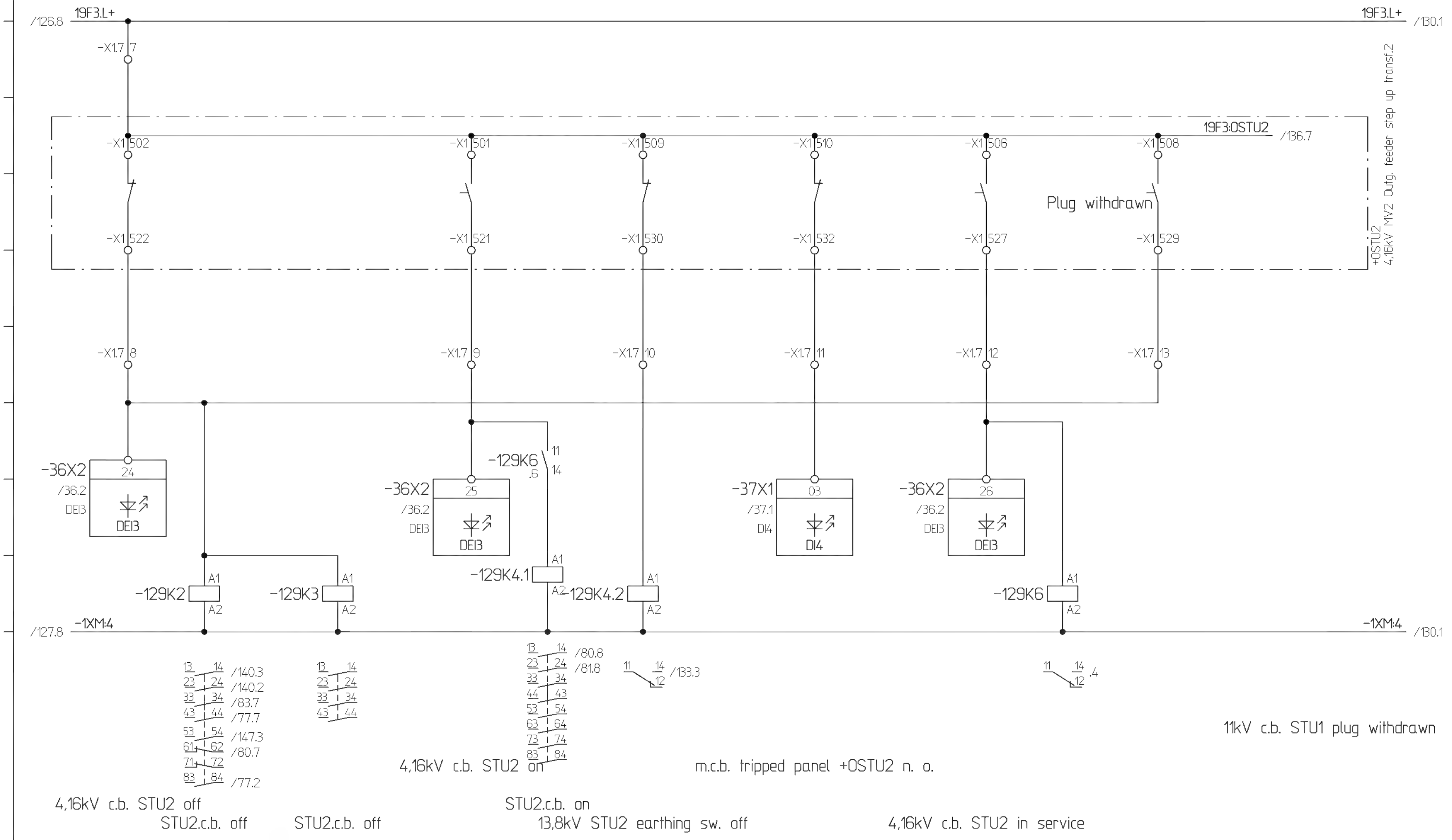
Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name					
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel
				Desig.	A. Stellmann			
				Check	A. Stellmann			
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03	

4500005501

=DPP
+CCP

43730 437300



Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. step up transf.2

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ersd. 11.09.03

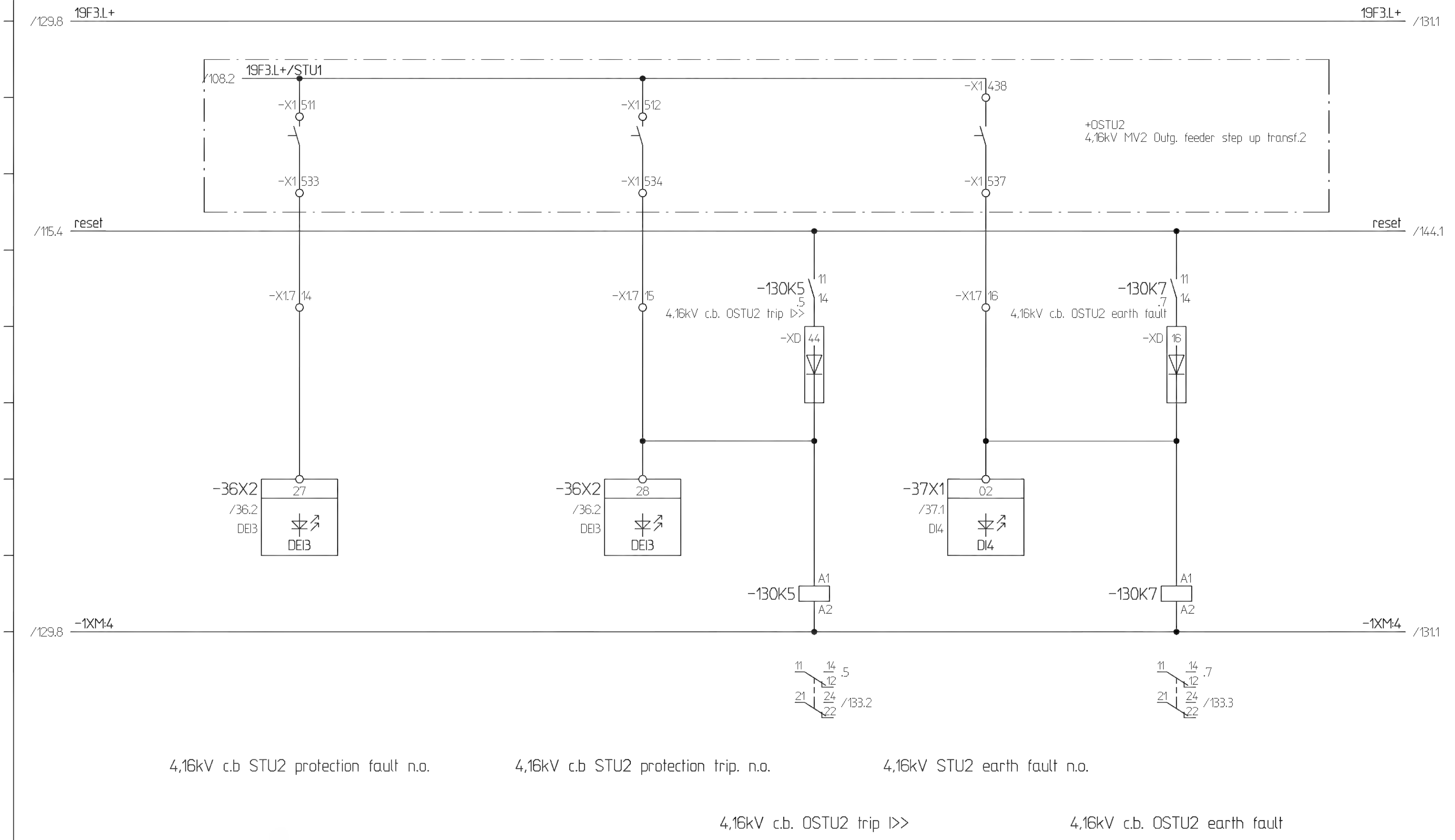
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

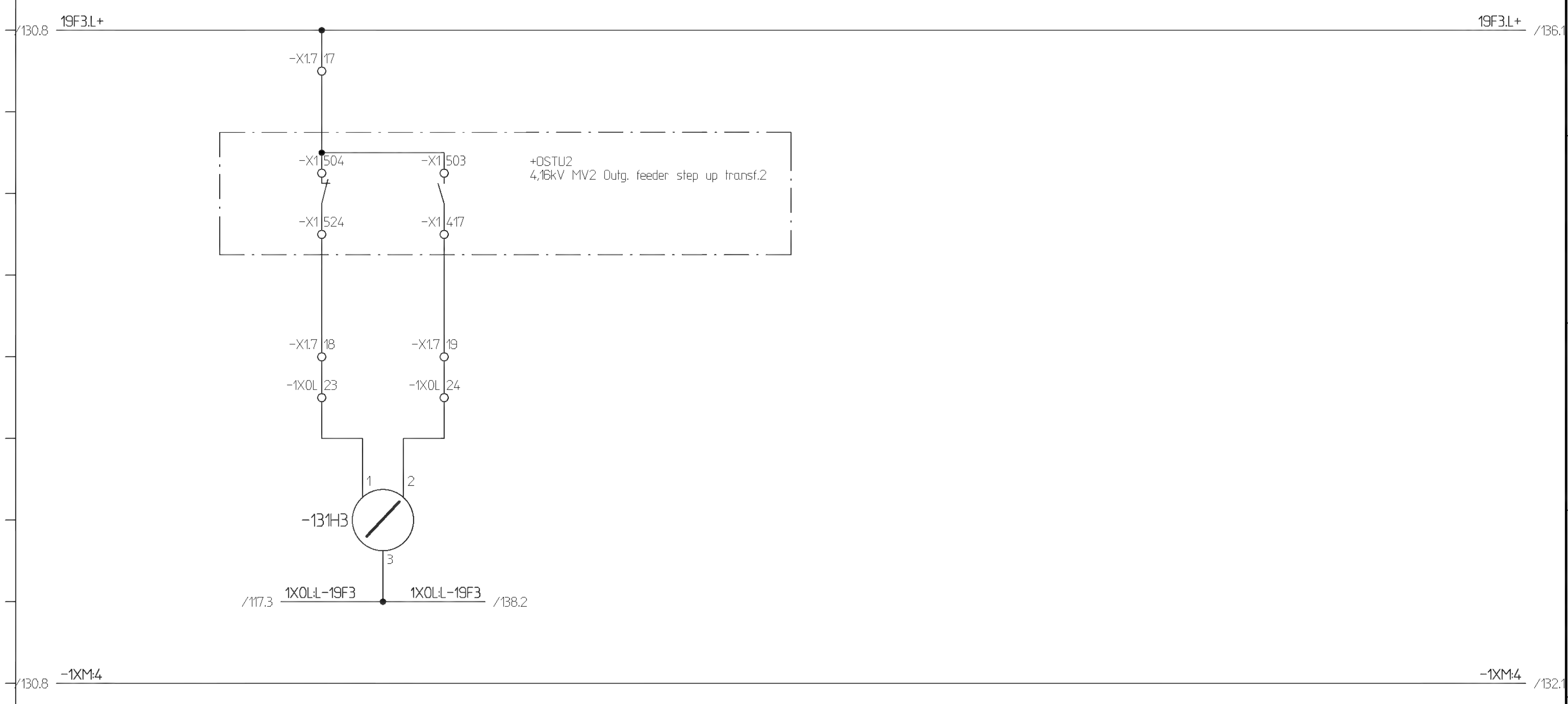
=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16 kV c. b. step up transf.2

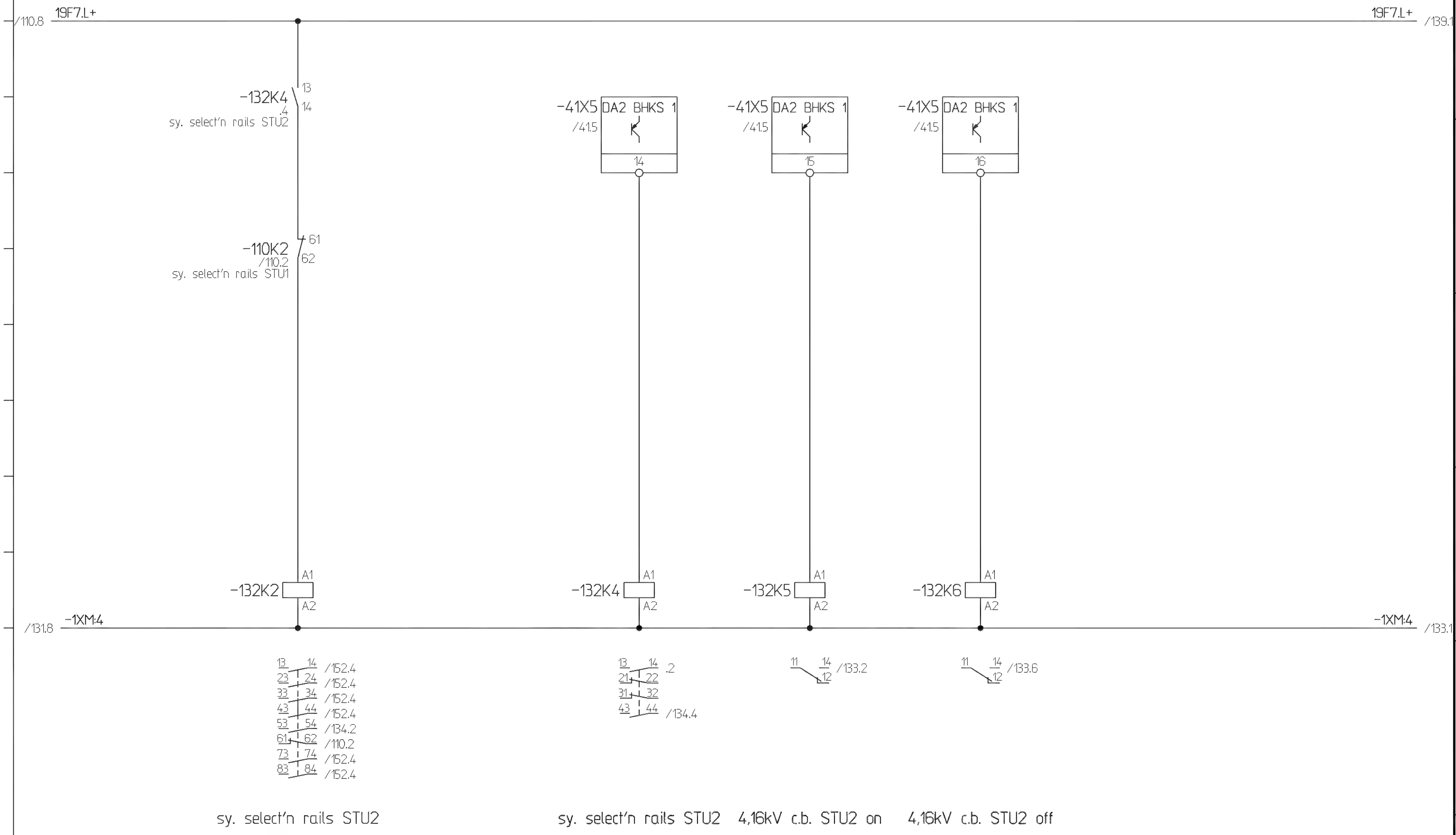
Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann					page 130
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL



11kV c.b. STU2

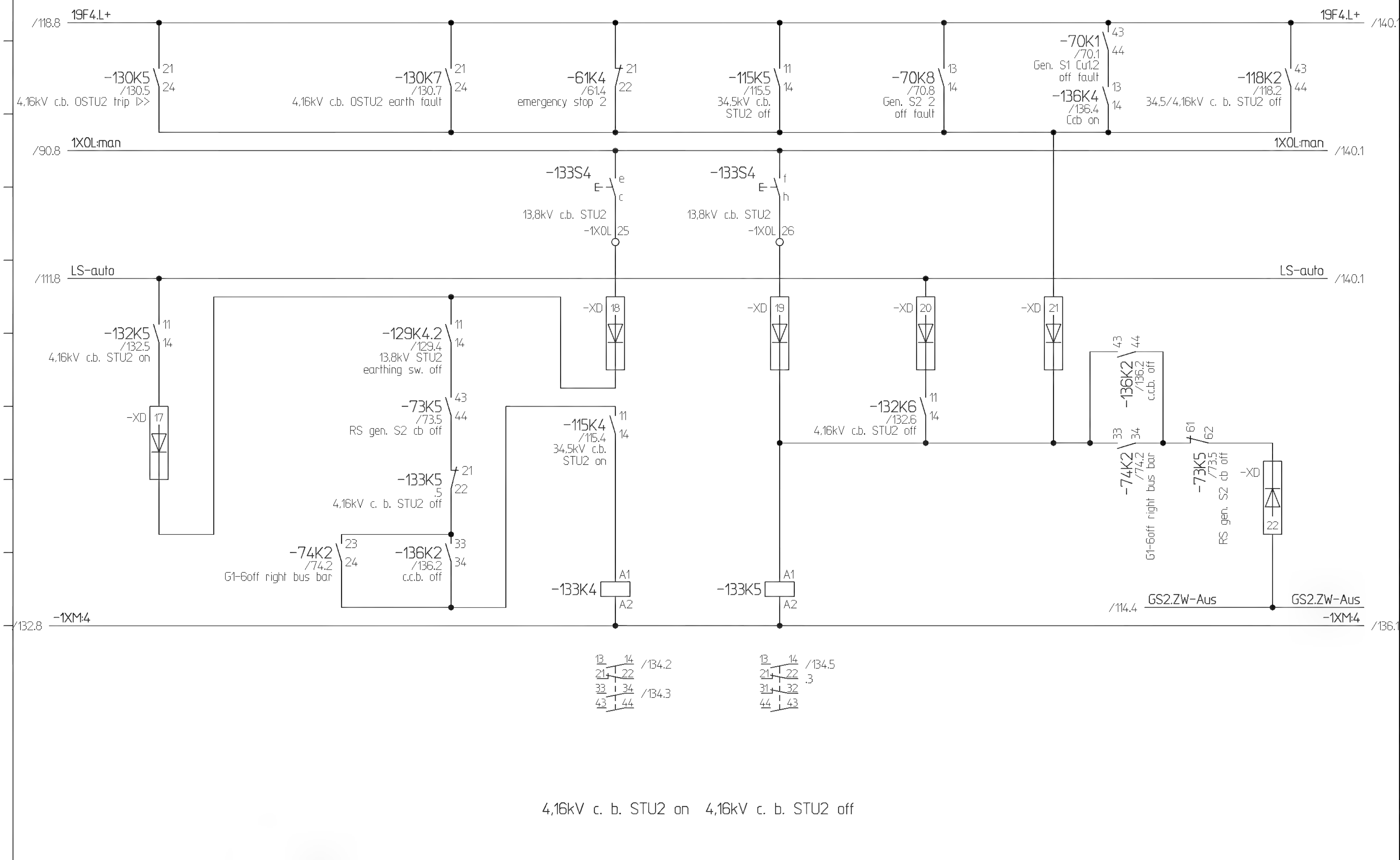
Bildbeschreibung IMAGE DESCRIPTION: Indication 4,16kV c.b. step up tr.2 ext.

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 131 / 211 BL



Bildbeschreibung / IMAGE DESCRIPTION: 4,16kV step up transf. 2 c. b. control

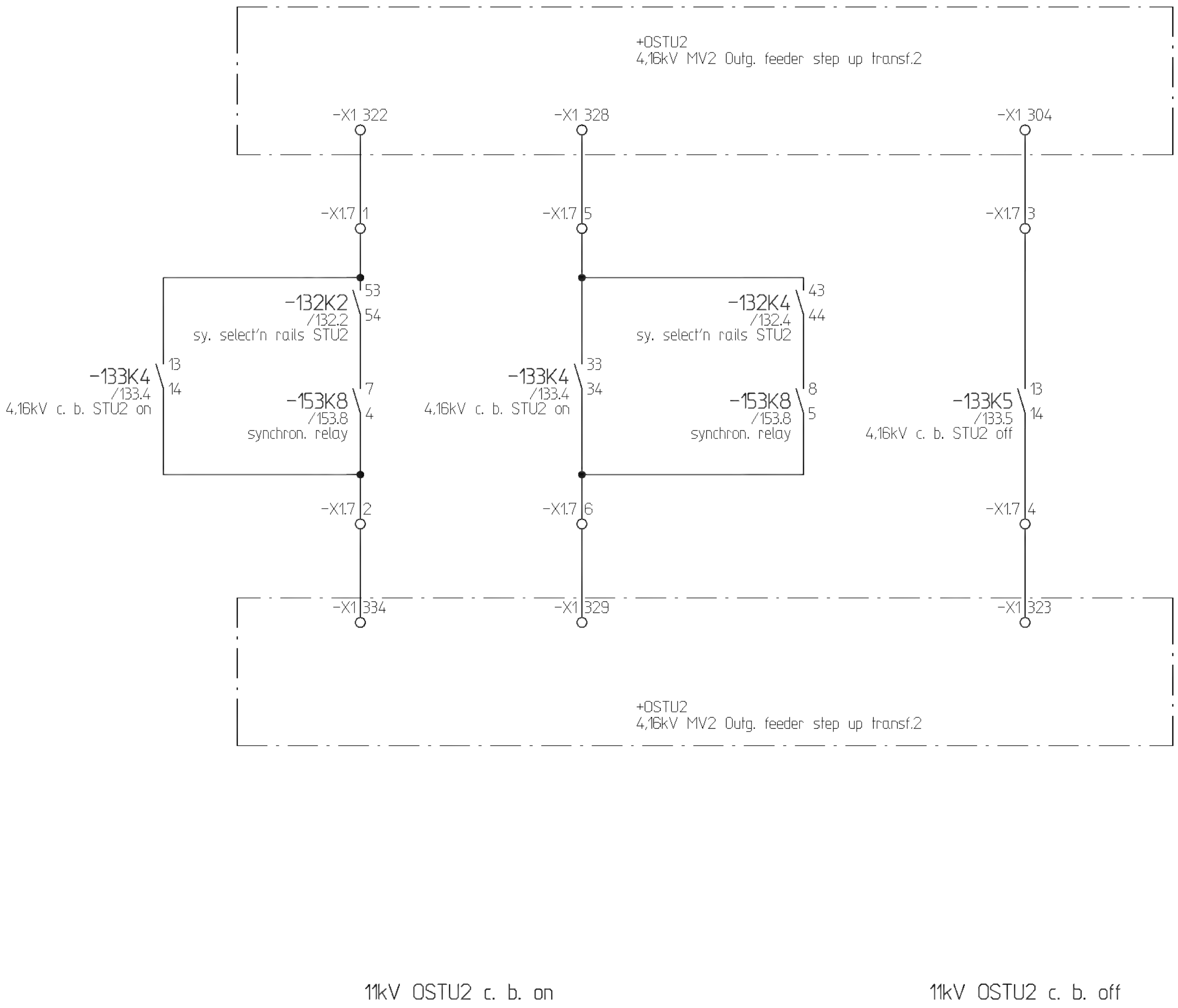
Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 132 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

4,16kV step up transf. 2 c. b. control

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		43730 / 437300	page 133 / 211 BL



Bildbeschreibung IMAGE DESCRIPTION: 4,16kV step up transf. 2 c. b. control

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ersd. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

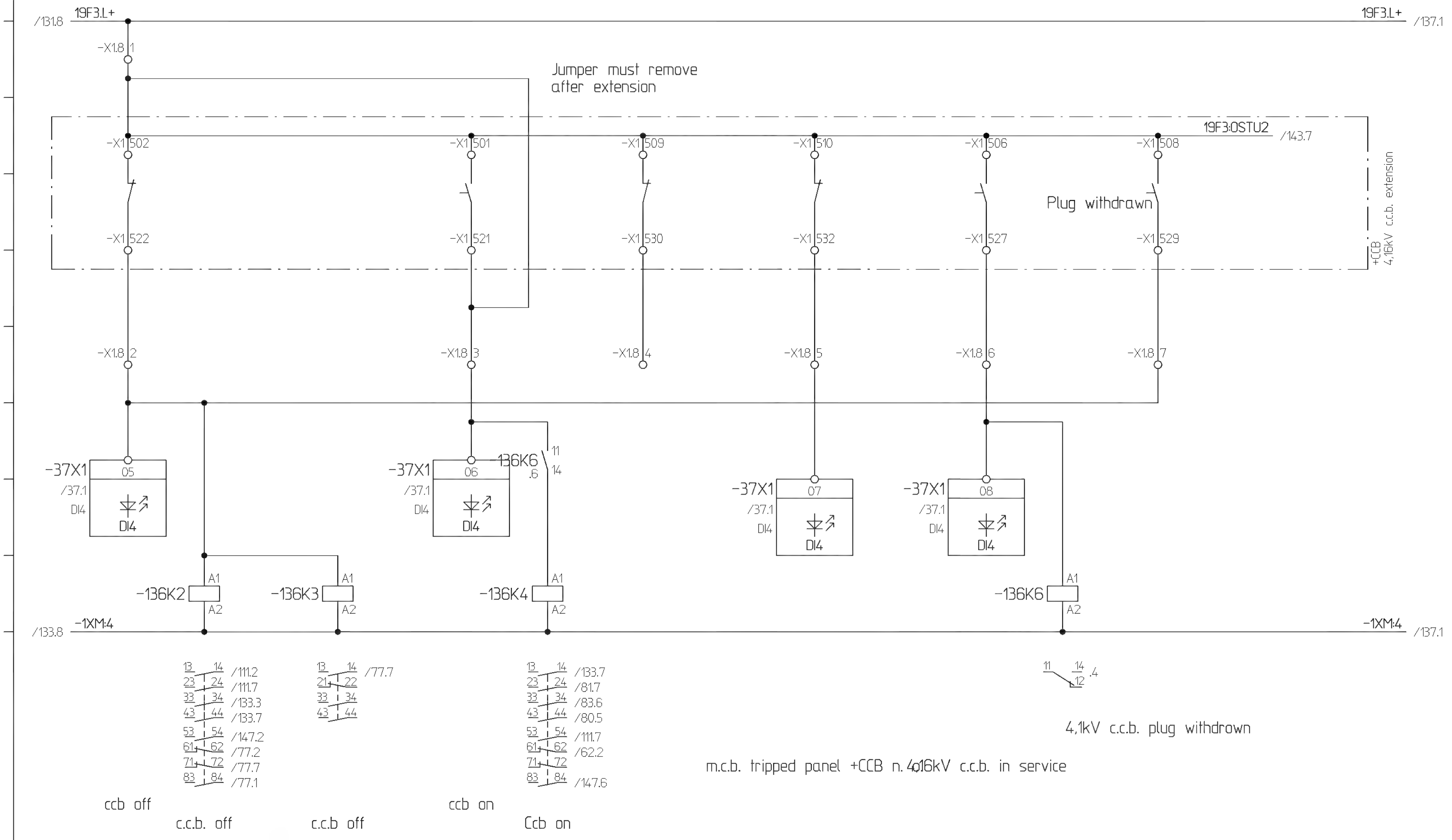
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

=DPP
+CCP



Bildbeschreibung / IMAGE DESCRIPTION: Control 4,16kV c.c.b. extension

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | KUHSE | Ers.d. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 | 437300

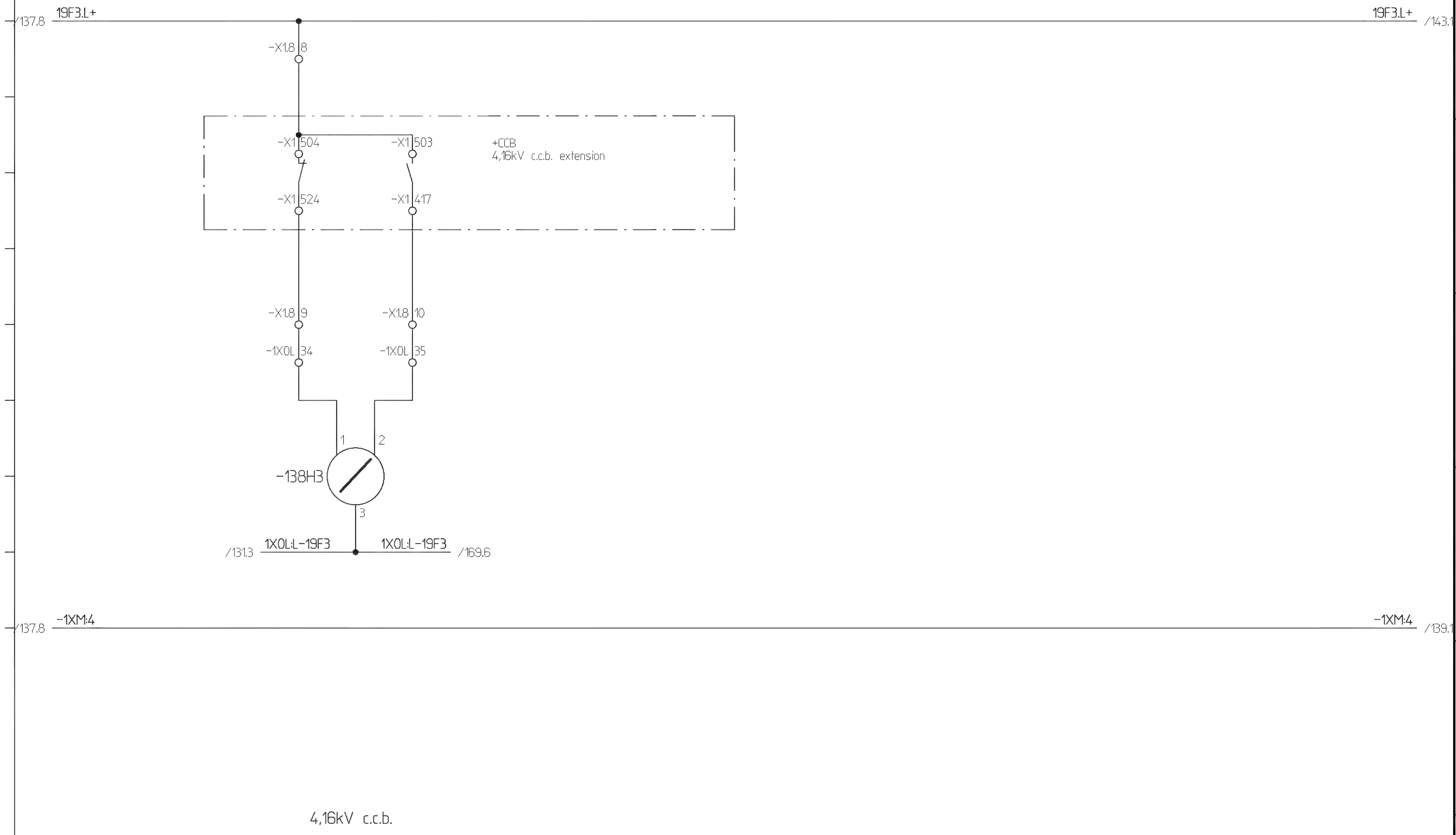
=DPP
+CCP

/136.8 19F3.L+ — 19F3.L+ /138.1

/136.8 -1XM:4 — -1XM:4 /138.1

Bildbeschreibung
IMAGE DESCRIPTION spare

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300	page 137
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Indication 4,16kV c.c.b. ext.

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 138 / 211 BL

/132.8 19F7.L+ — 19F7.L+ /146.1

/138.8 −1XM:4 — −1XM:4 /140.1

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

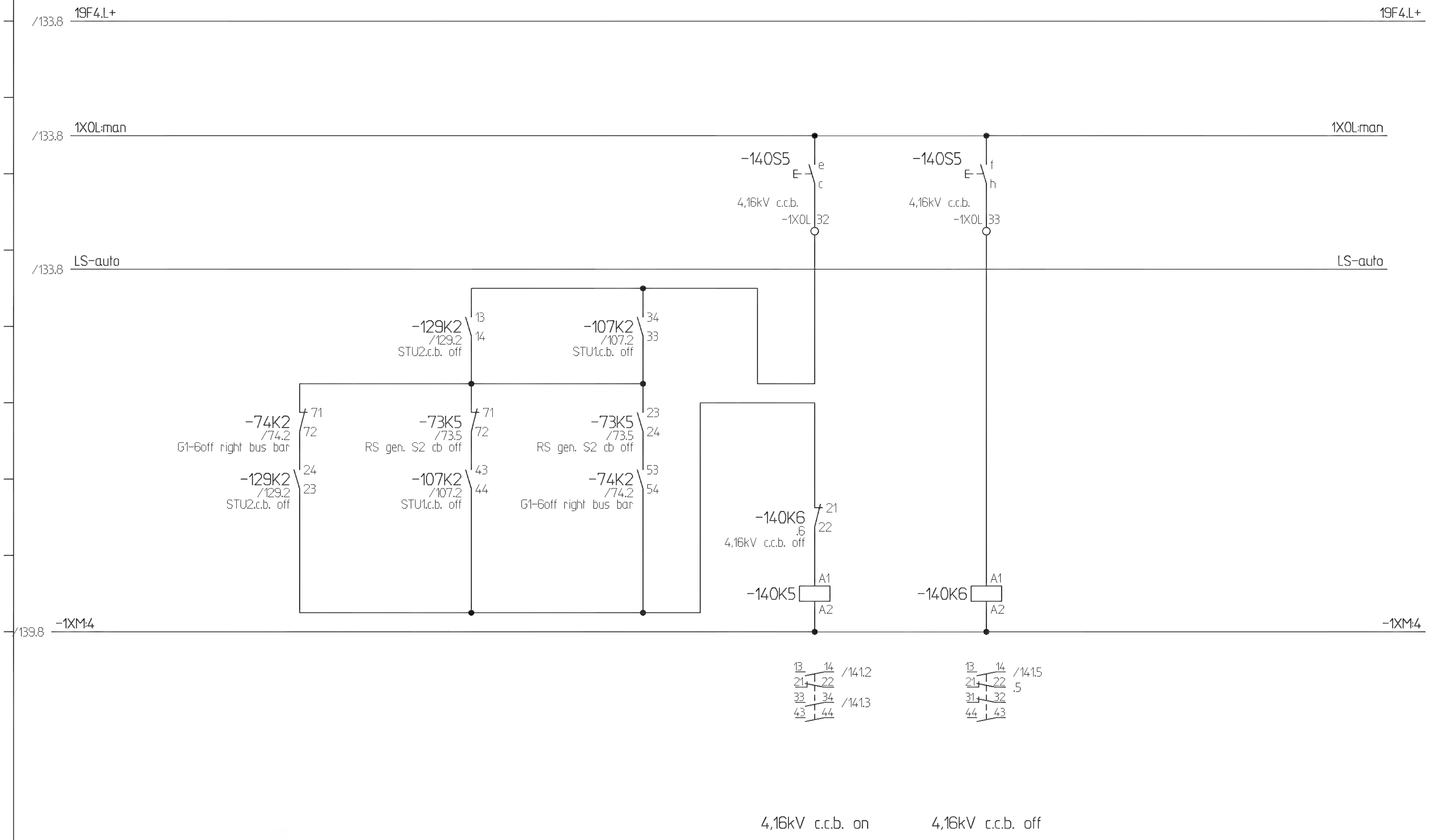
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

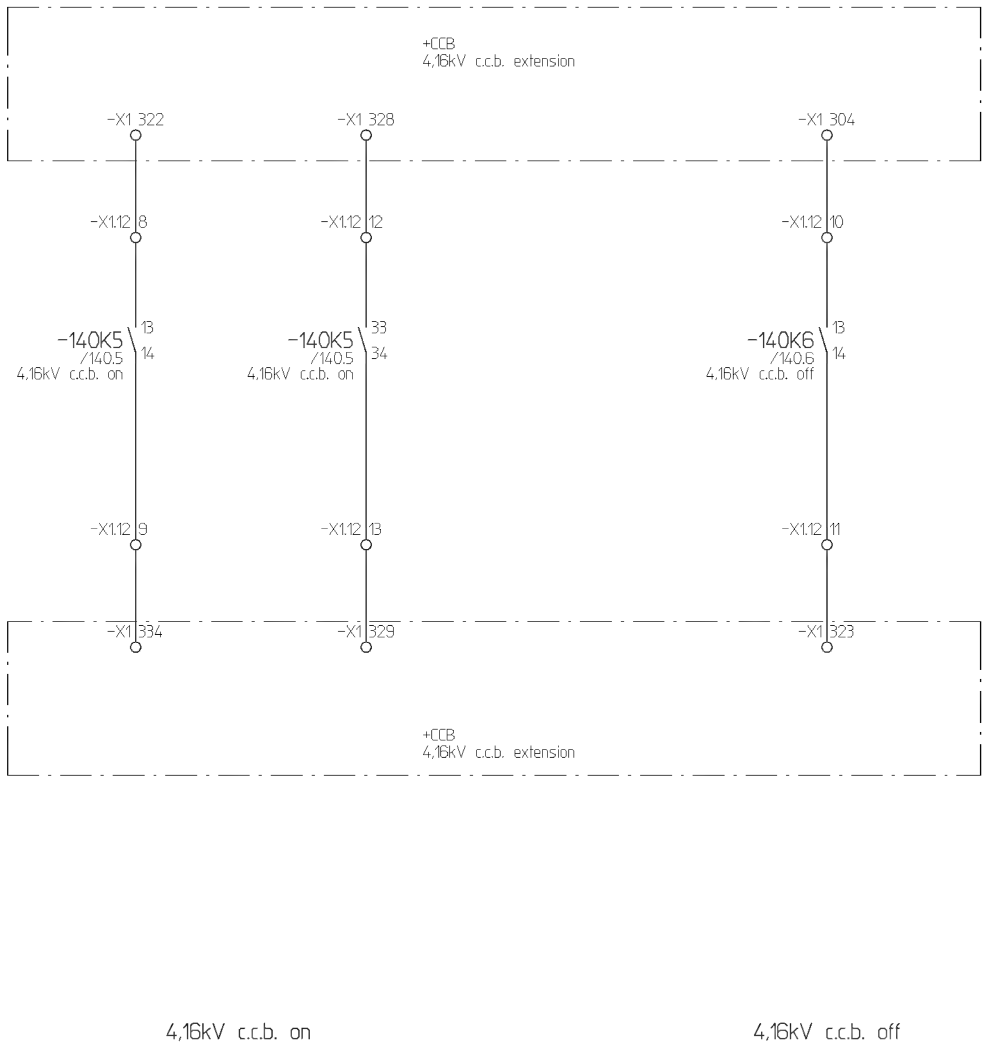
=DPP
+CCP



Bildbeschreibung IMAGE DESCRIPTION	4,16kV c.c.b. control ext.

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 140 / 211 Bl.

Index	changing	Date	name



Bildbeschreibung IMAGE DESCRIPTION: 4,16kV c.c.b. control ext.

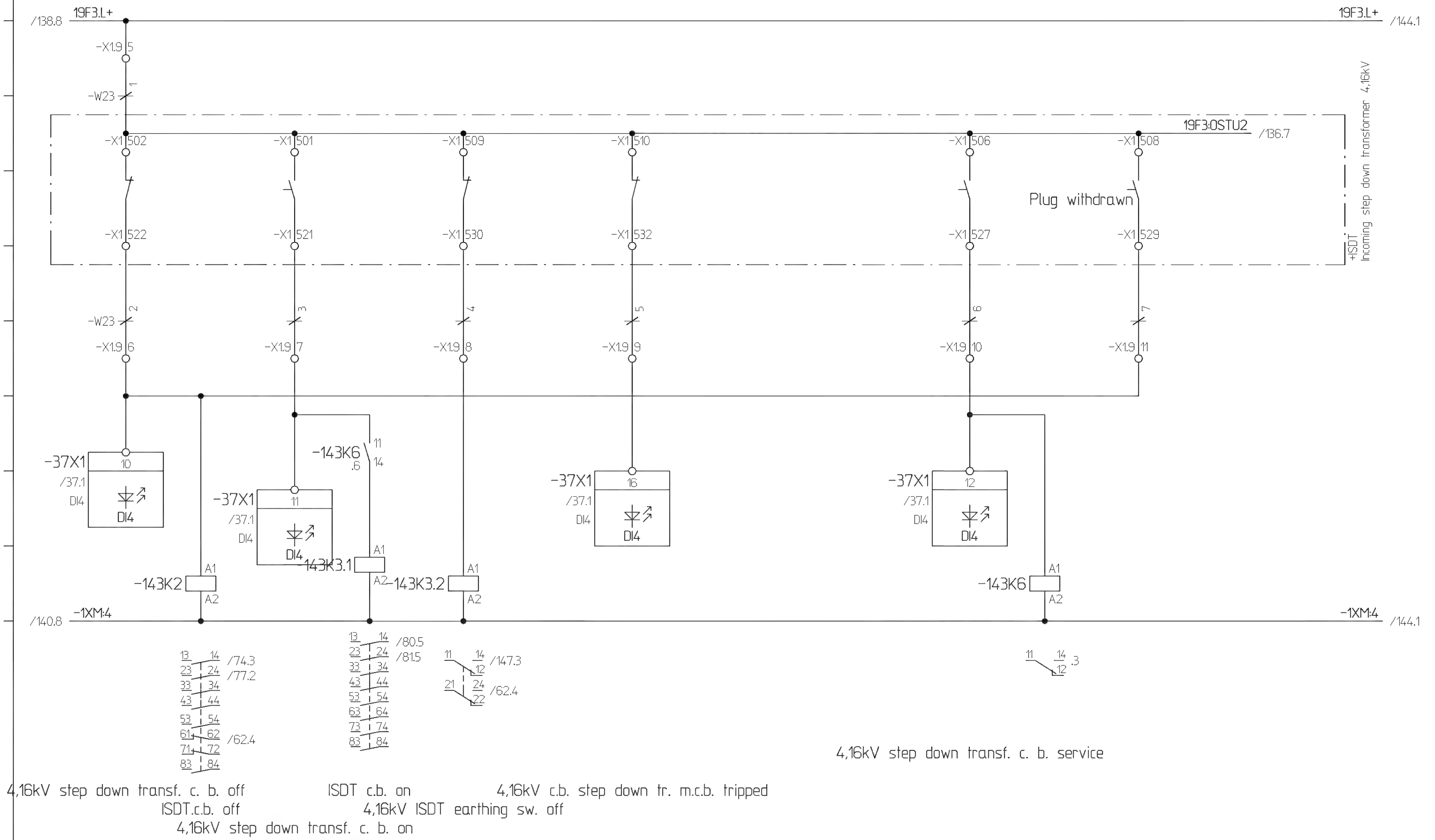
Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
Check	A. Stellmann			Common Control Panel	43730 / 437300	page 141
Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			211 BL

Index | changing | Date | name

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig. / Ers.f.	Ers.d. 11.09.03			page 142 / 211 BL
				Norm	33					



Bildbeschreibung IMAGE DESCRIPTION: Control 4,16kV c. b. step down transf.

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

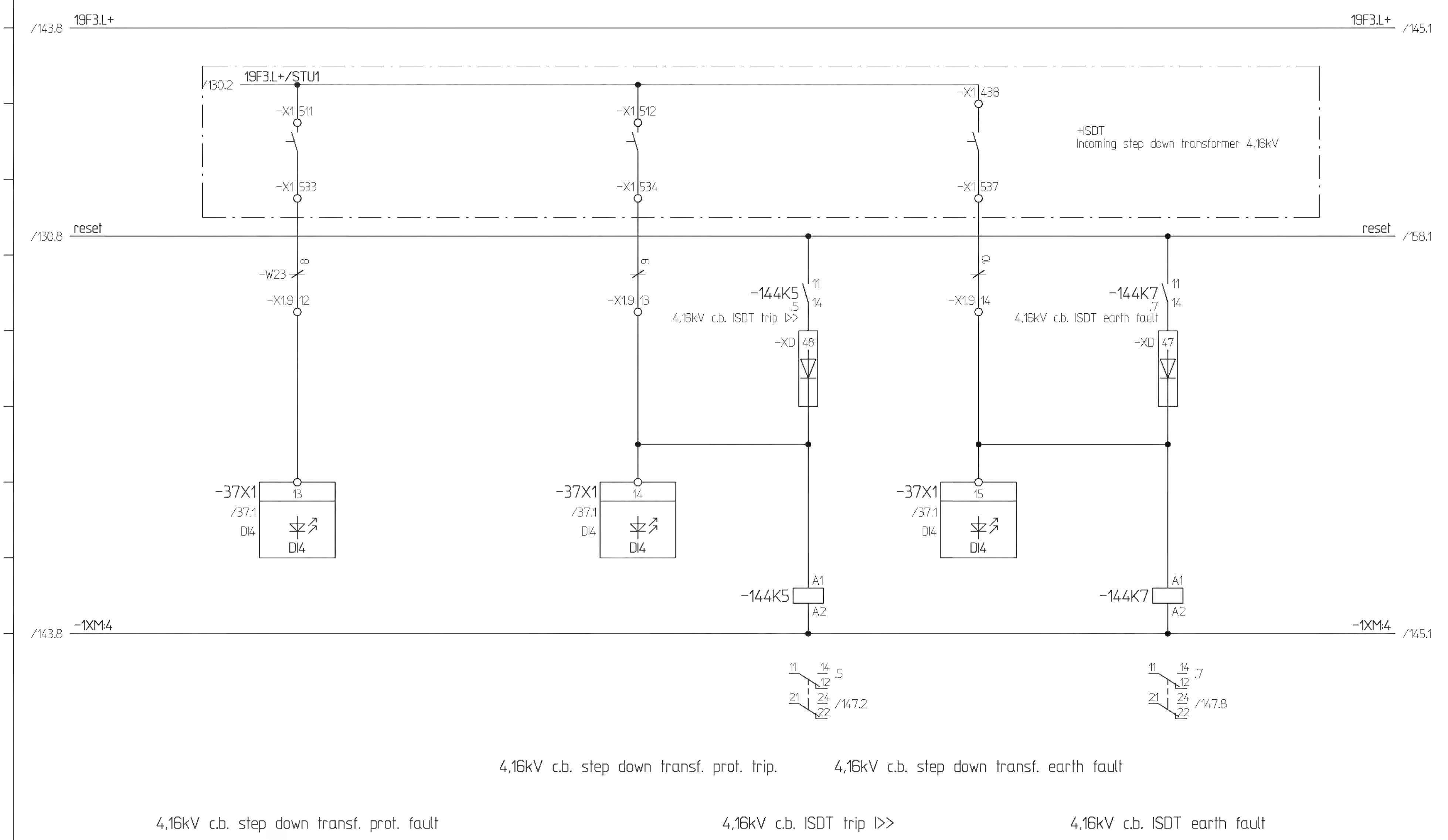
Orig. | Ersf. | Ersd. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

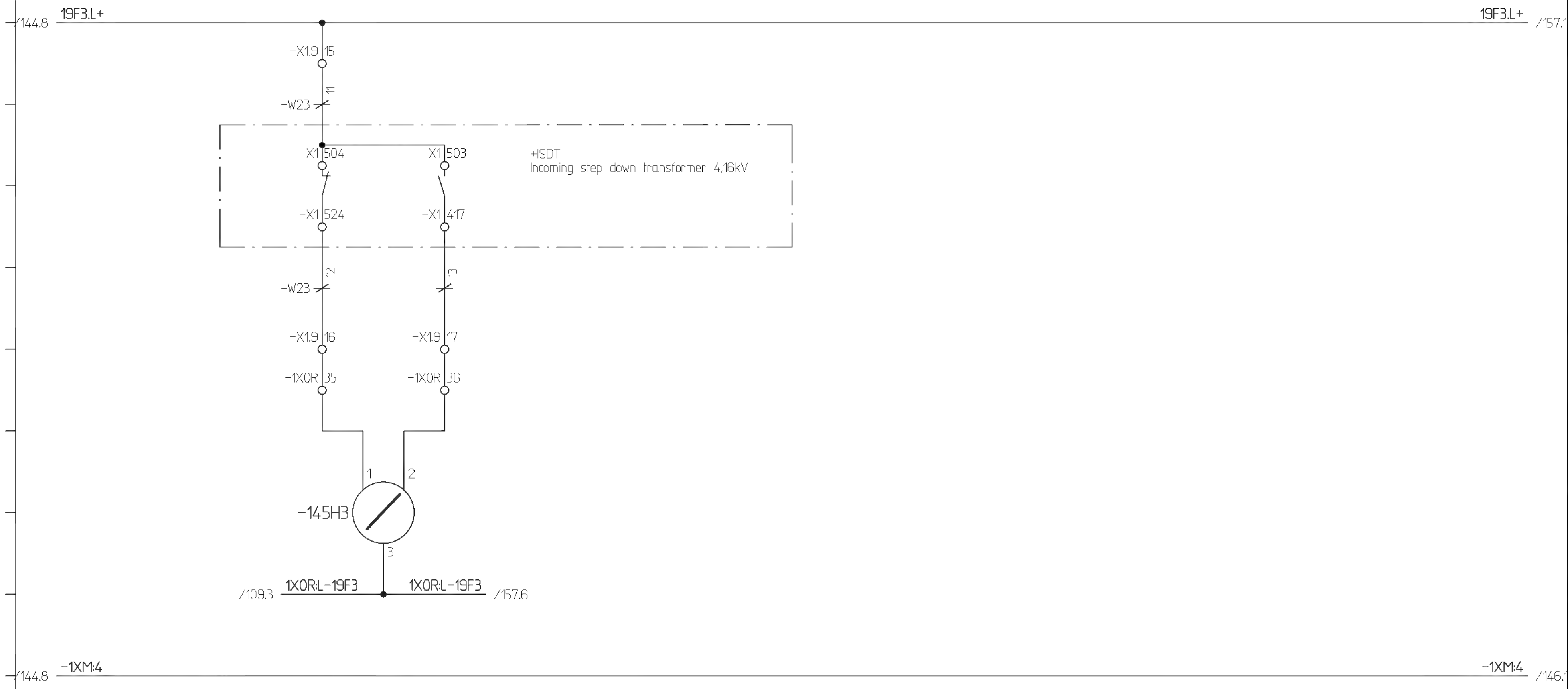
4500005501
43730 | 437300

=DPP
+CCP



Bildbeschreibung IMAGE DESCRIPTION: Control 4,16kV c. b. step down transf.

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			page 144 / 211 BL



4,16kV c.b. step down transf.

Bildbeschreibung
IMAGE DESCRIPTION

Indication 4,16kV c.b. step down transf.

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ersf.

KUHSE

Ersd. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

=DPP
+CCP

/139.8 19F7.L+ — 19F7.L+ /151.1

/145.8 -1XM:4 — -1XM:4 /147.1

Bildbeschreibung
IMAGE DESCRIPTION: spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

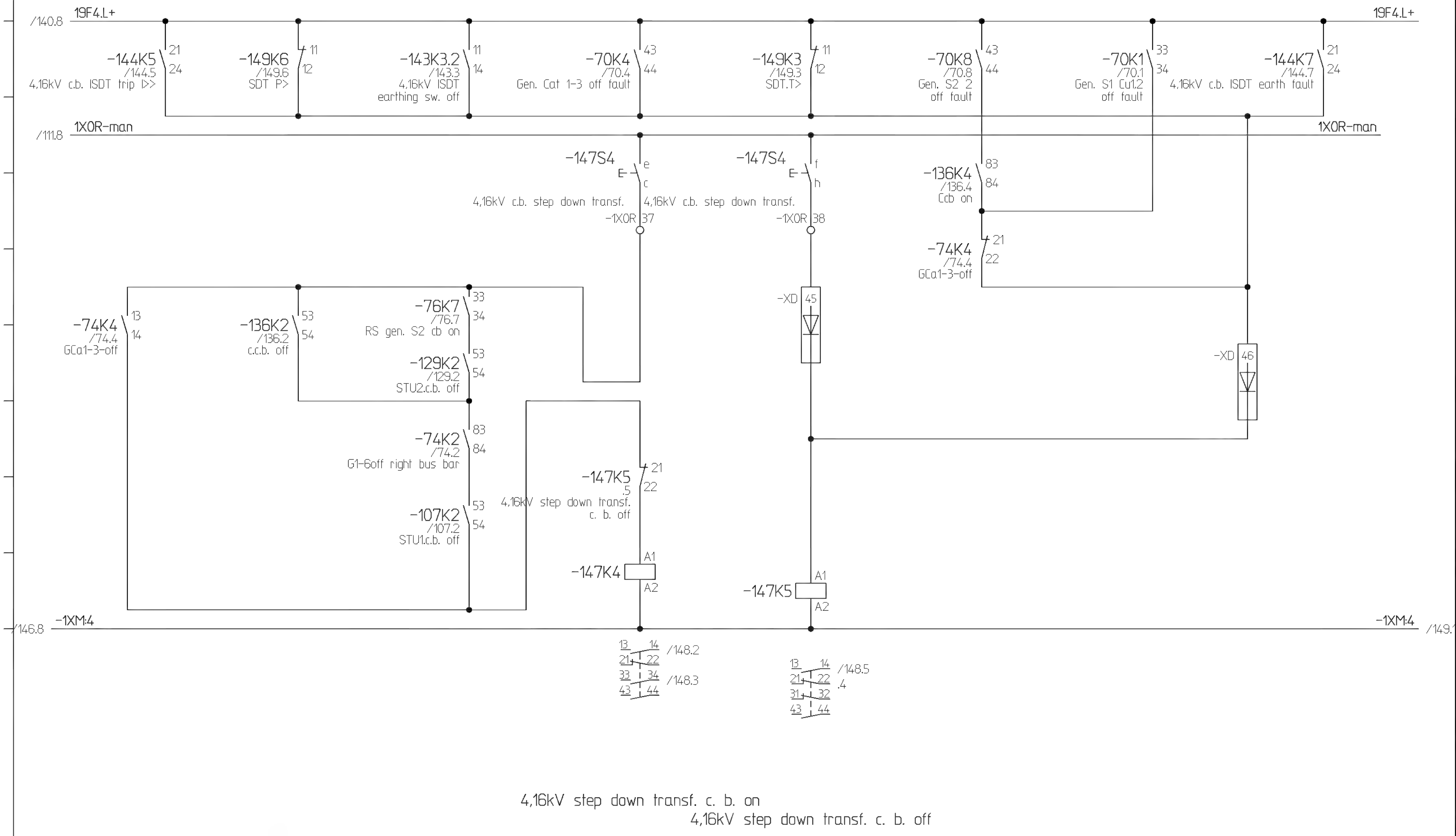
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

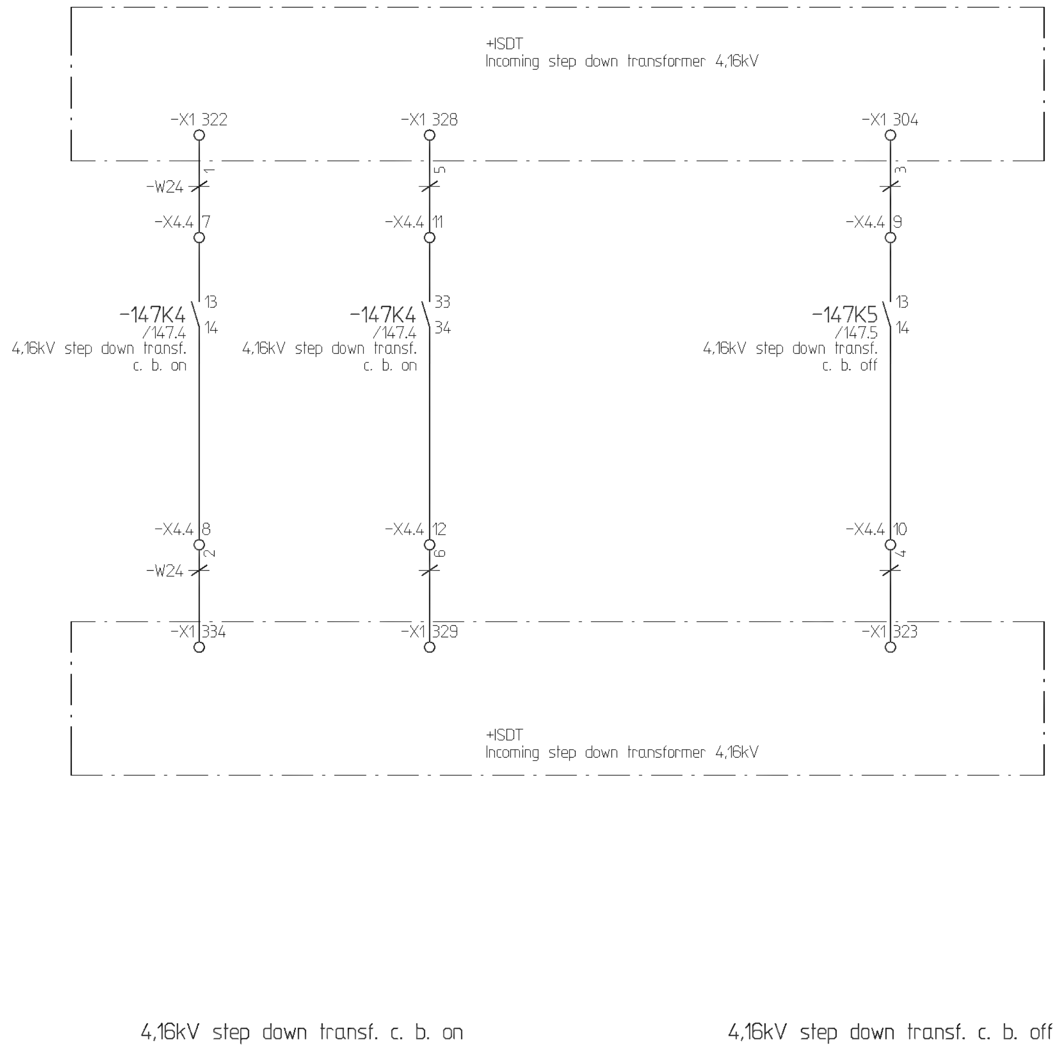
43730 | 437300

=DPP
+CCP



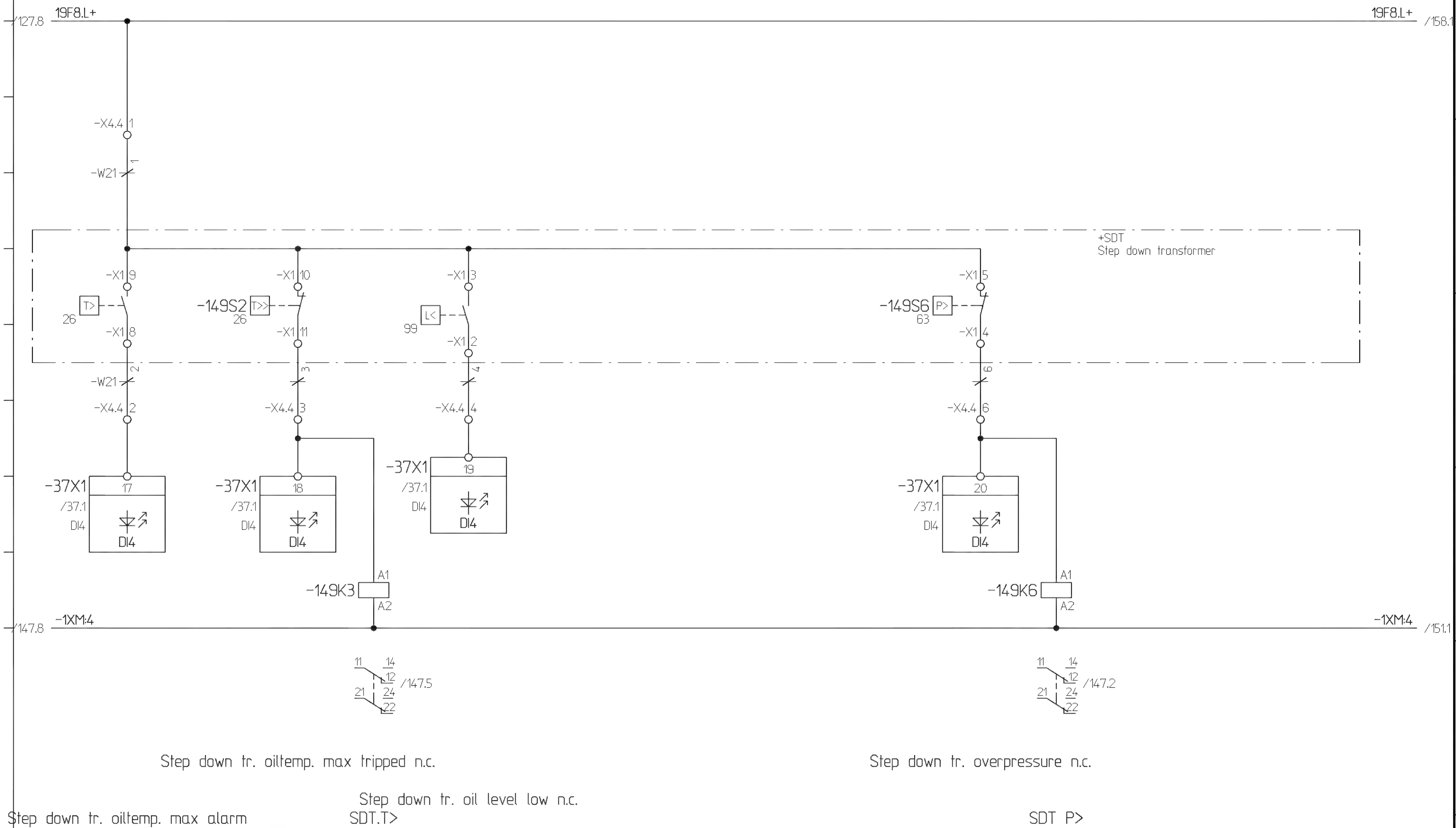
Bildbeschreibung IMAGE DESCRIPTION: 4,16kV step down transf. c. b. control

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig. / Ersf.	Ersd. 11.09.03			page 147
				Norm	33					211 BL



Bildbeschreibung
IMAGE DESCRIPTION 4,16kV step down transf. c. b. control

Index	changing	Date	name				
Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP	
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP	
Check	A. Stellmann			Common Control Panel	43730	437300	page 148
Norm	33	Orig.	Ersf.	Ers.d. 11.09.03			211 BL



Bildbeschreibung IMAGE DESCRIPTION: Signals from step down transformer

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP	
Desig.	A. Stellmann						
Check	A. Stellmann				43730	437300	page 149
Index / changing / Date / name / Norm	33	Orig. / Ersf.	Ers.d. 11.09.03				211 BL

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

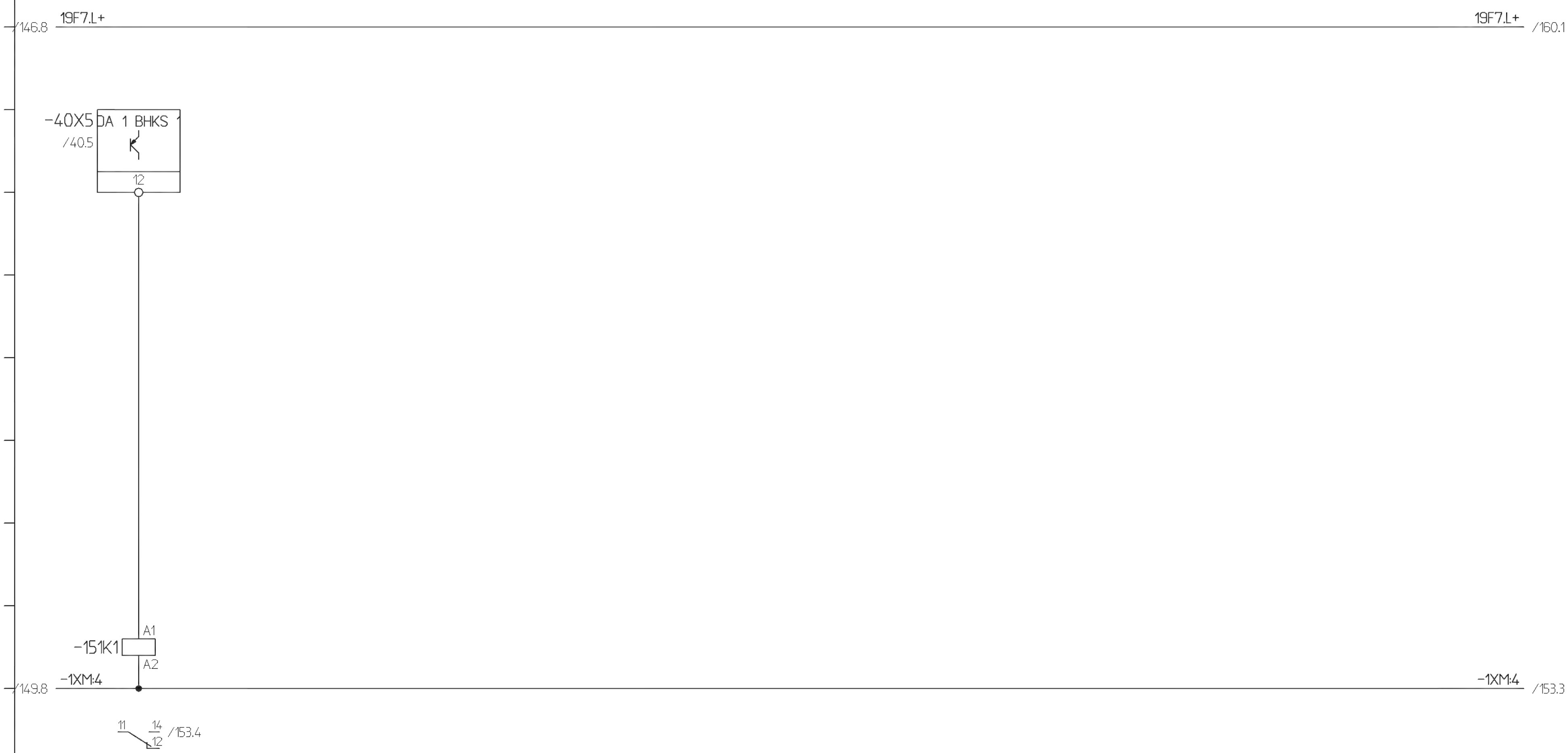
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

=DPP
+CCP



release KSY STU1-2

Bildbeschreibung
IMAGE DESCRIPTION

control synchronizing device

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

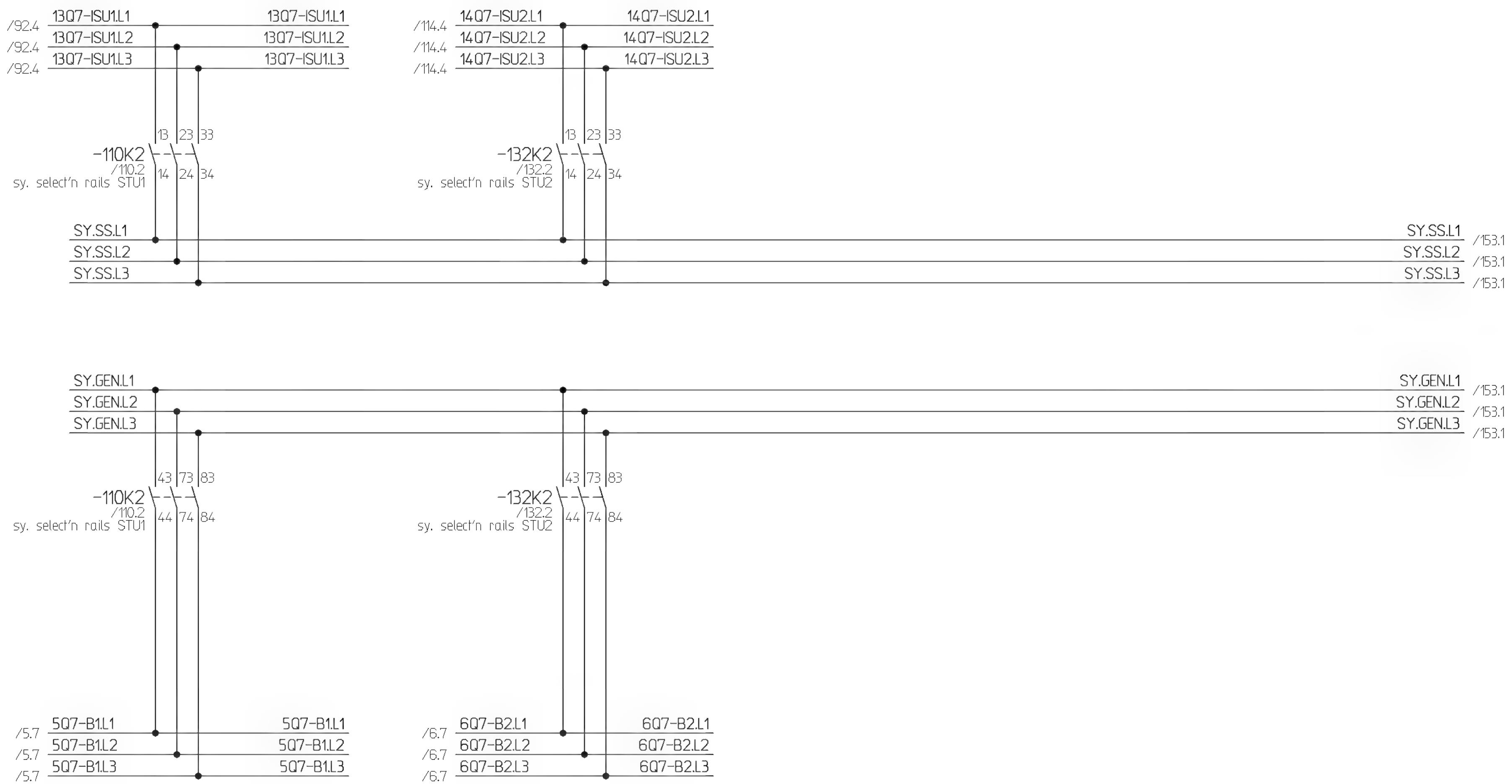
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



Bildbeschreibung / IMAGE DESCRIPTION: selection voltage synchron. STU1-2

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

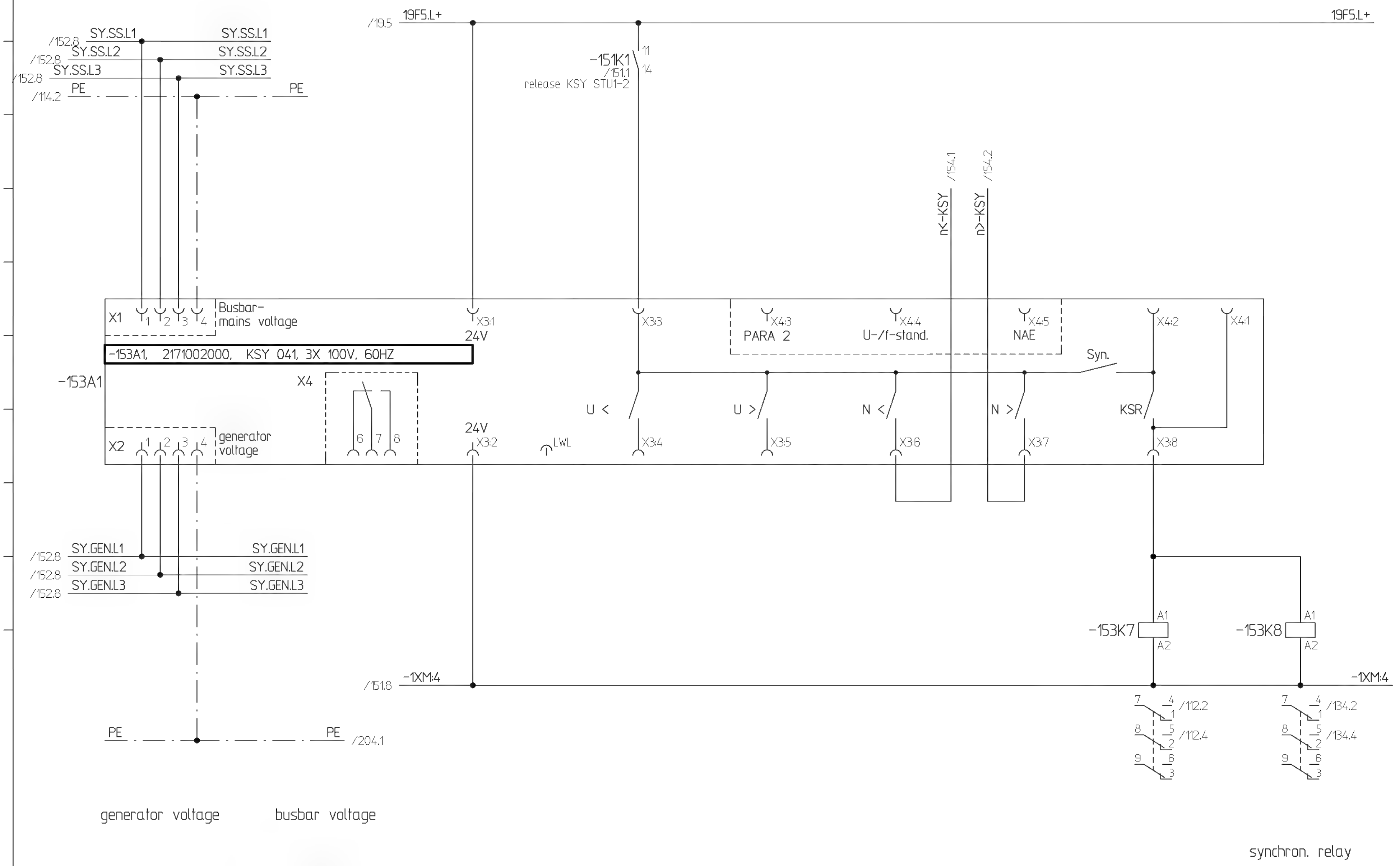
Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501 | 43730 | 437300

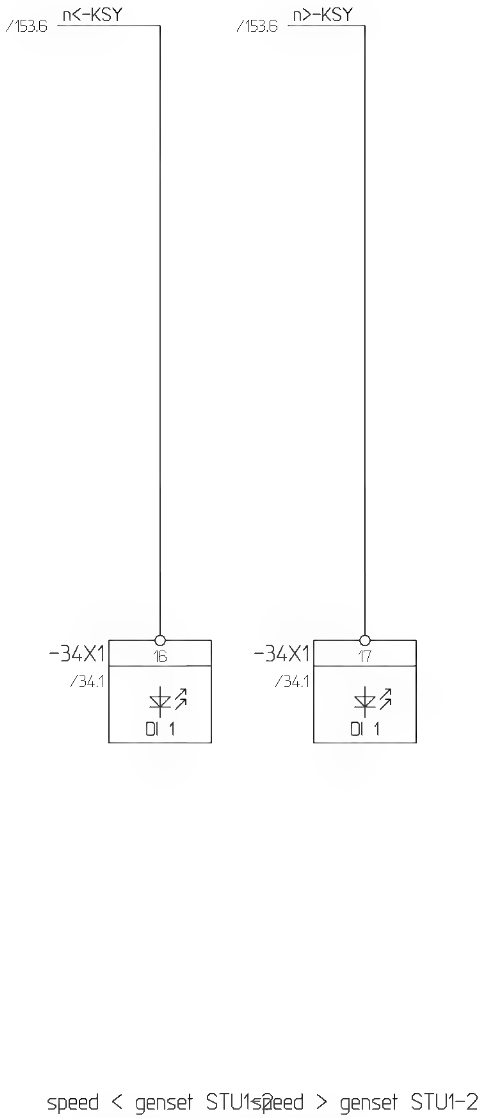
=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION

Synchonising unit KSY 041 STU1-4

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			page 153 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Synchonising pulse

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

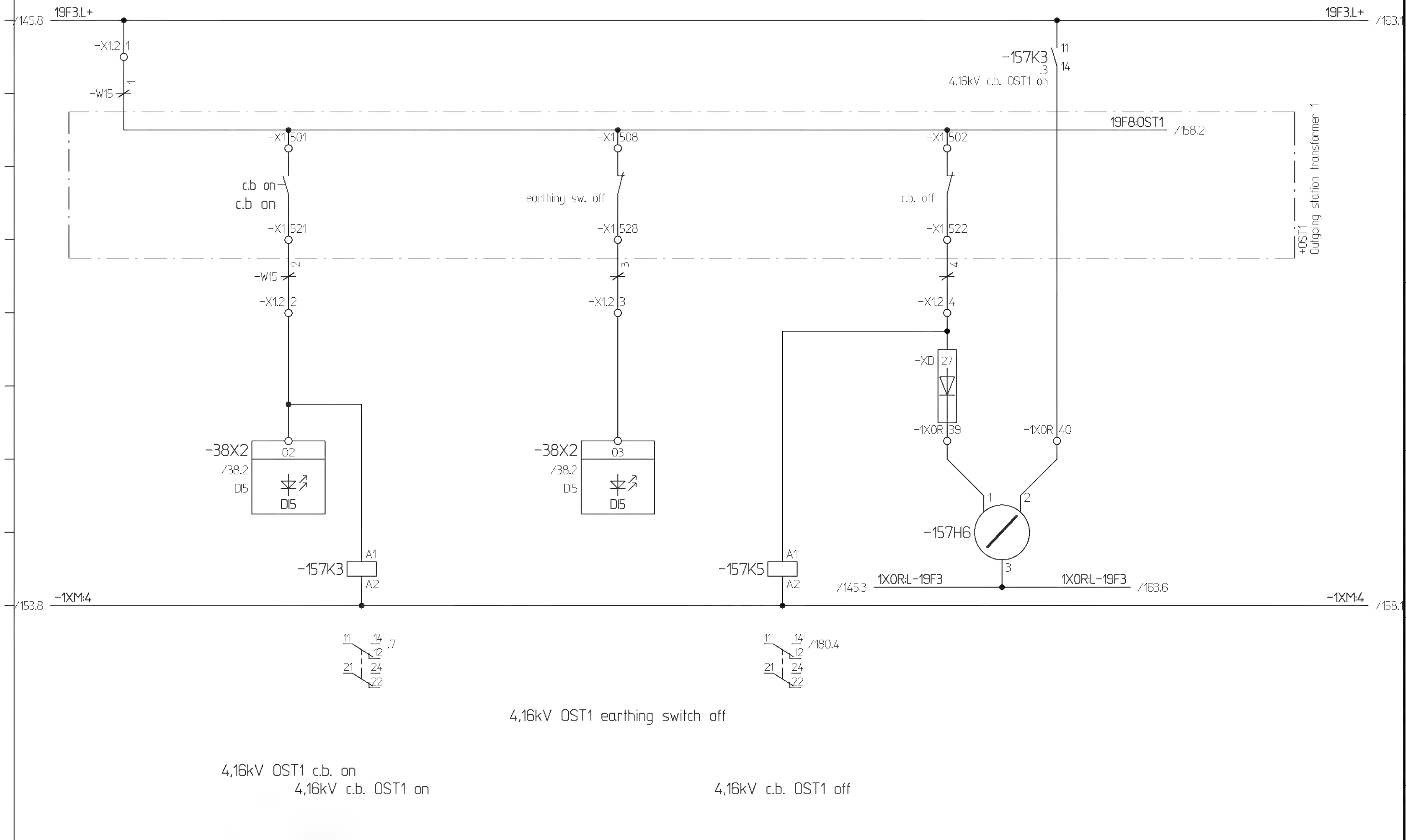
43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

spare

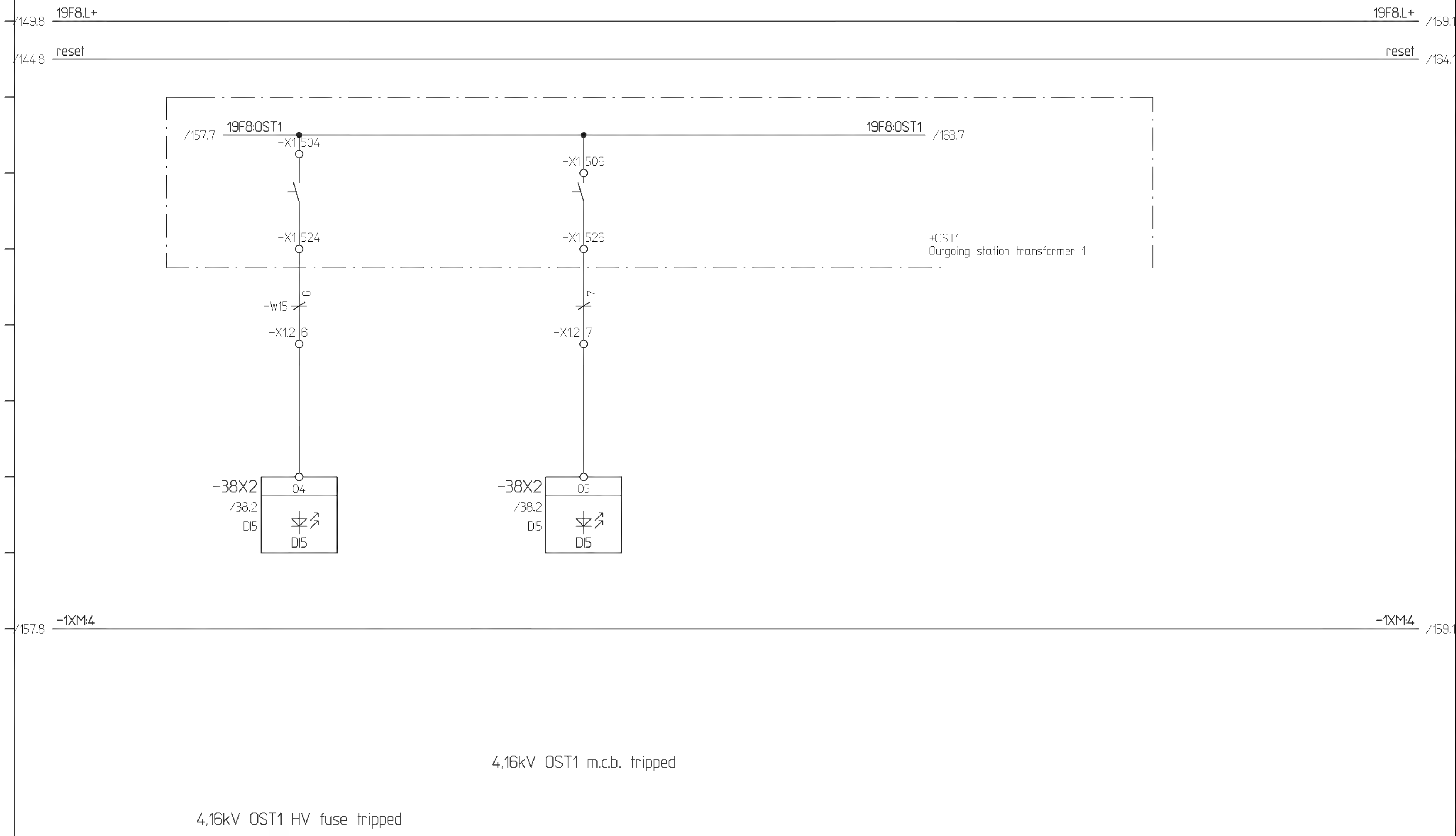
Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 156 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Signals from +OST1 outg. st. tr. 1 c.b. MV- station transformer 1 c. b.

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig.	Ersf.	Ers.d. 11.09.03		page 157 / 211 BL



Bildbeschreibung IMAGE DESCRIPTION	Signals from +OST1 outg. st. tr. 1 c.b.

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

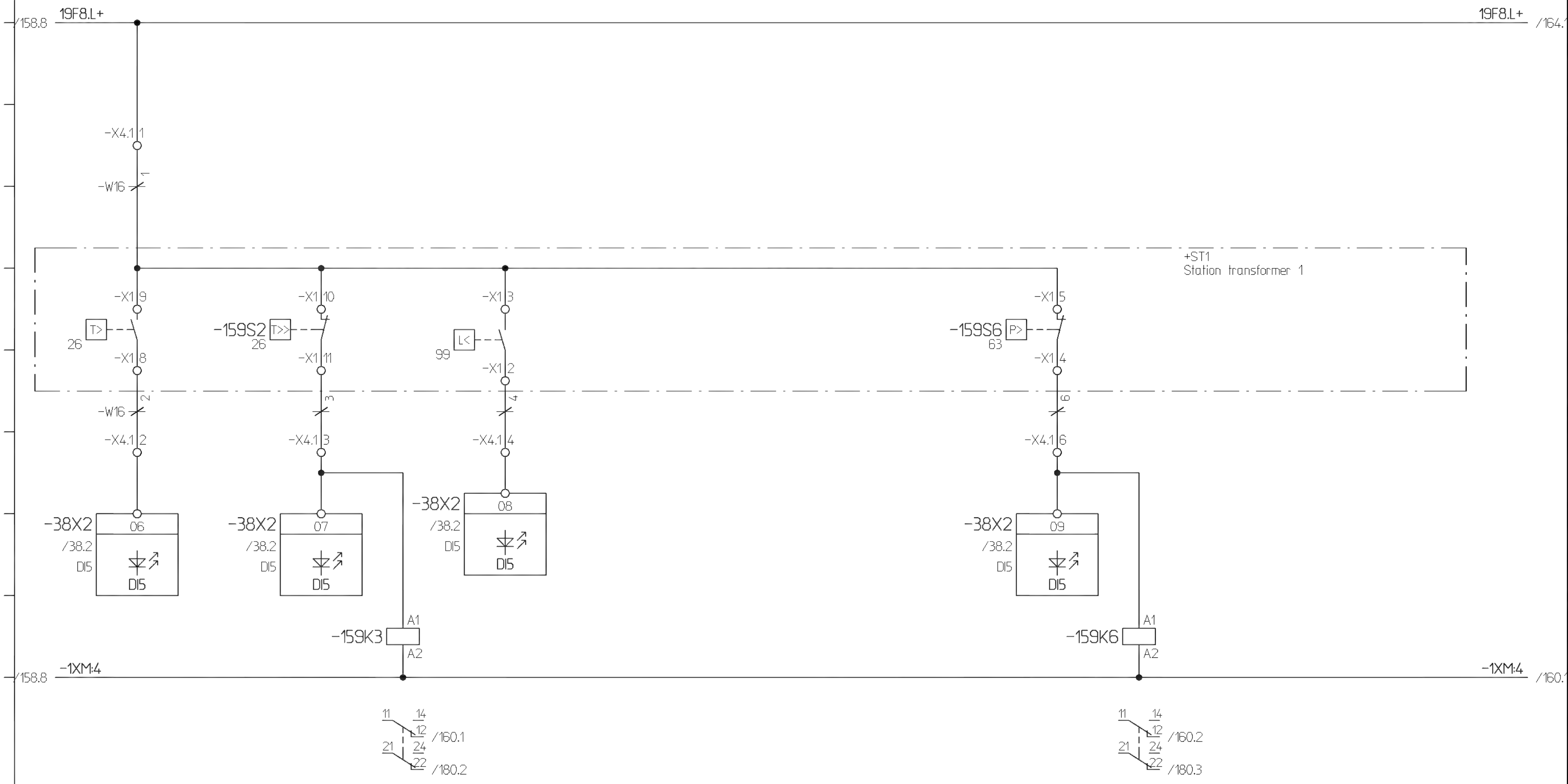
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



Bildbeschreibung IMAGE DESCRIPTION: Signals from station transformer 1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

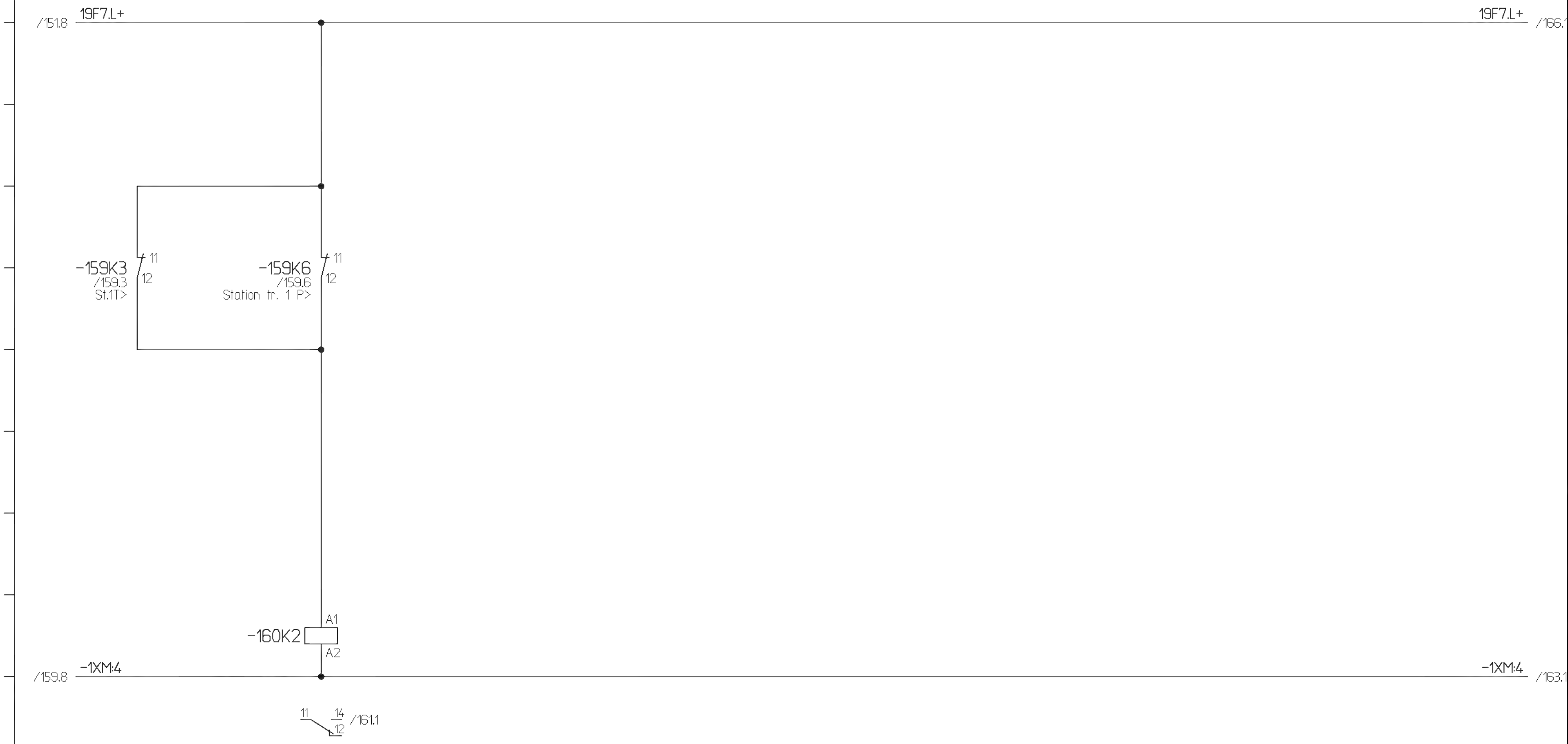
Elektrim-MEGADEX
Monde Energy Philippines
Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 | 437300

=DPP
+CCP



4,16kV OST1 switch off

Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. station tr. 1

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

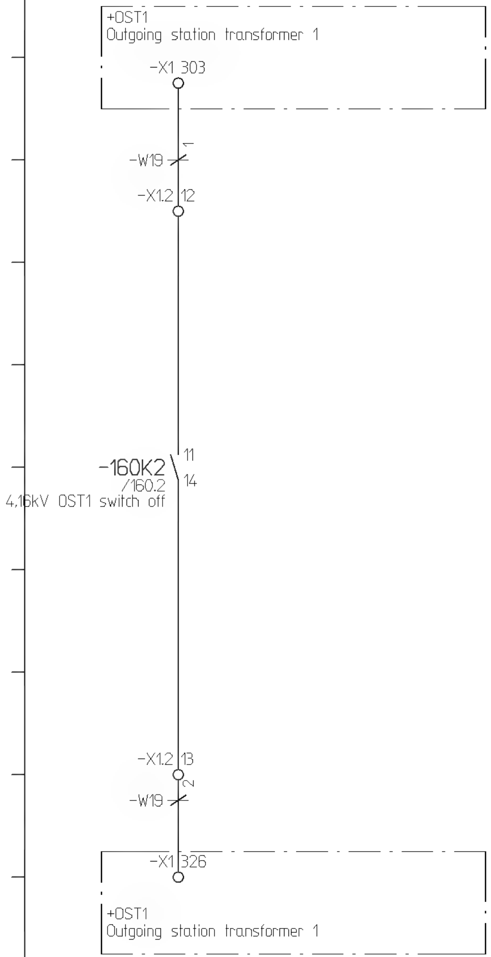
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



C.b. closing inhibit

Bildbeschreibung
IMAGE DESCRIPTION

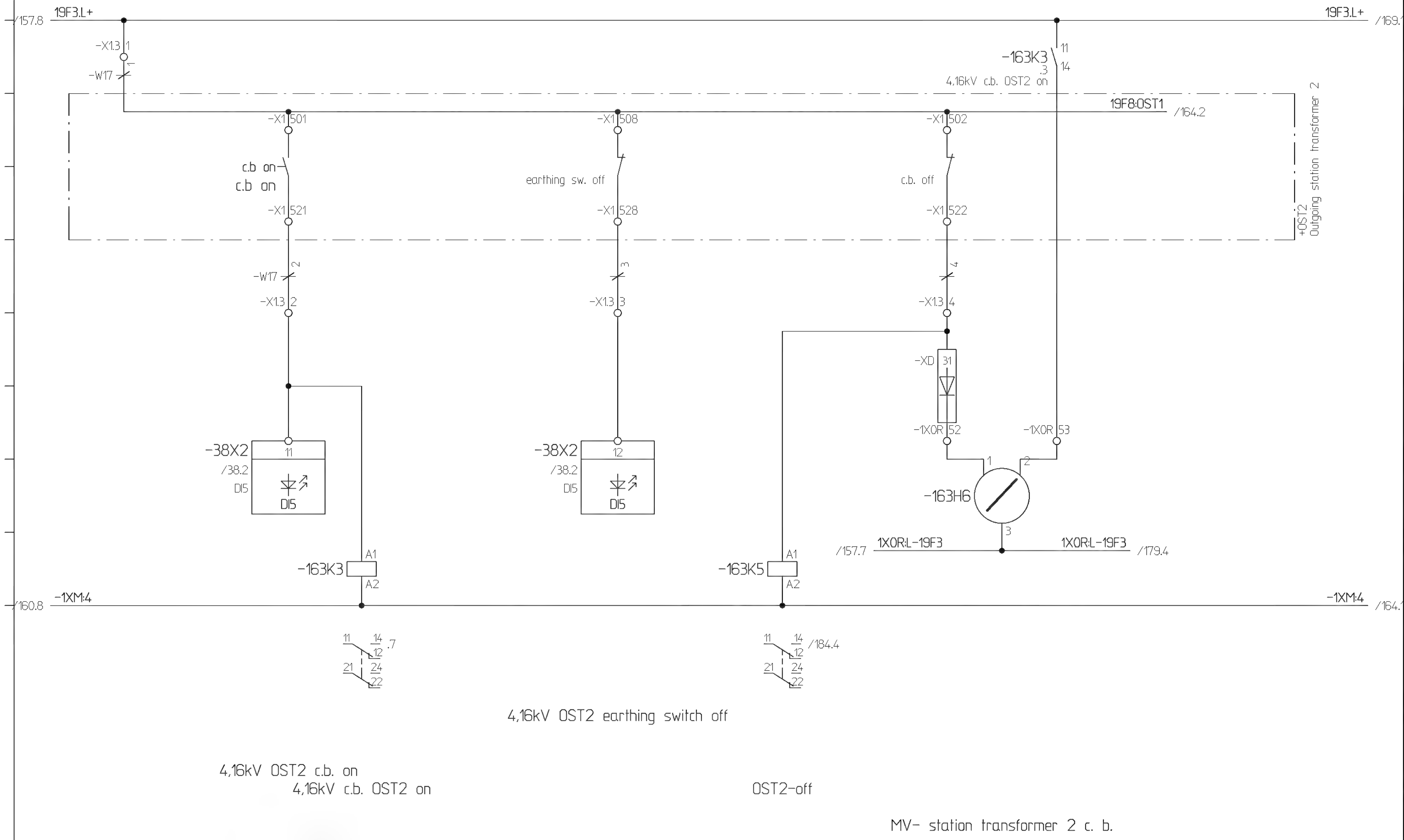
Control 4,16kV c. b. station tr. 1

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300	page 161 / 211 BL
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 162 / 211 BL

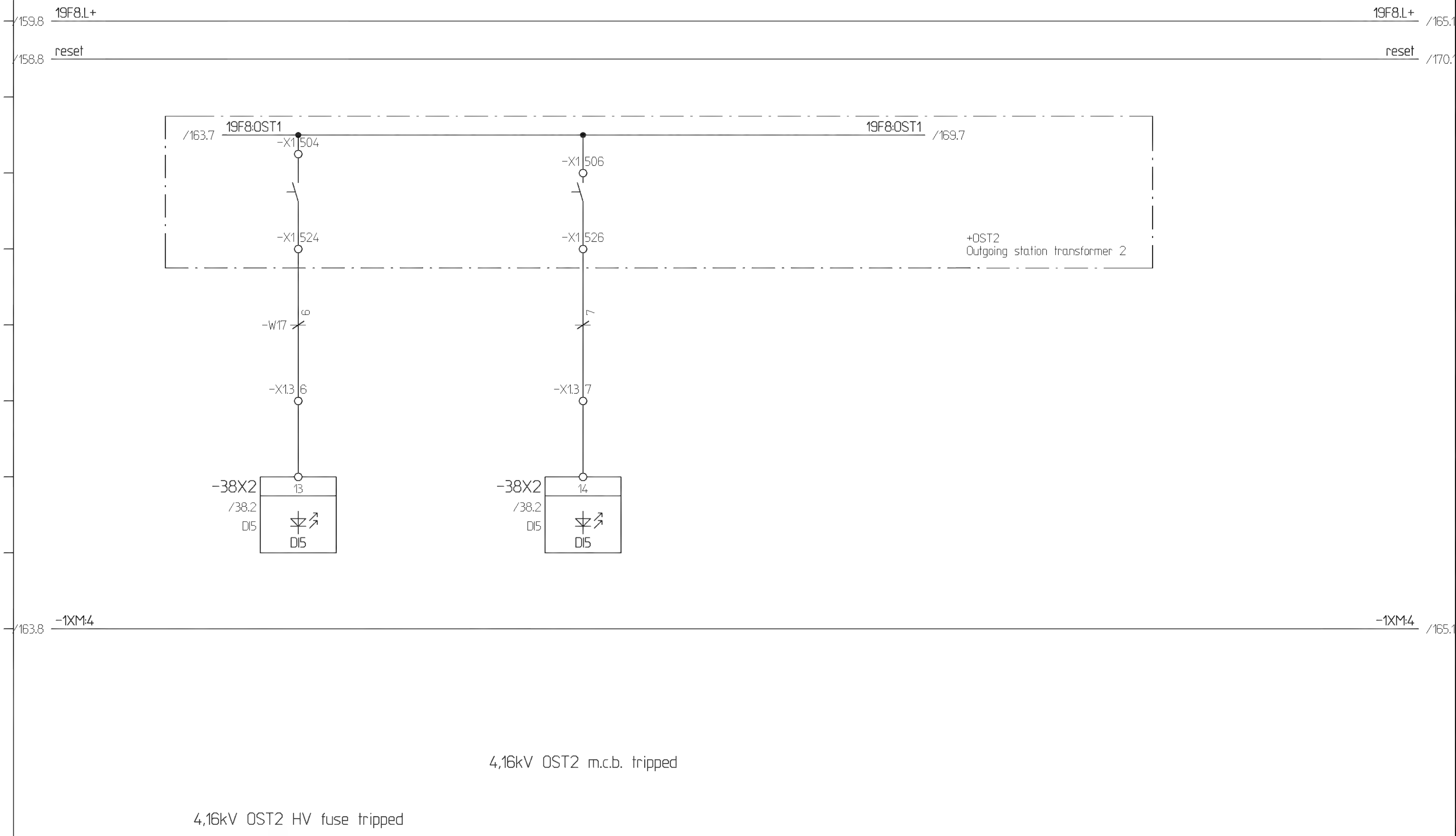


Bildbeschreibung
IMAGE DESCRIPTION

Signals from +OST2 outg. st. tr. 2 c.b.

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		page 163 / 211 BL

Index | changing | Date | name

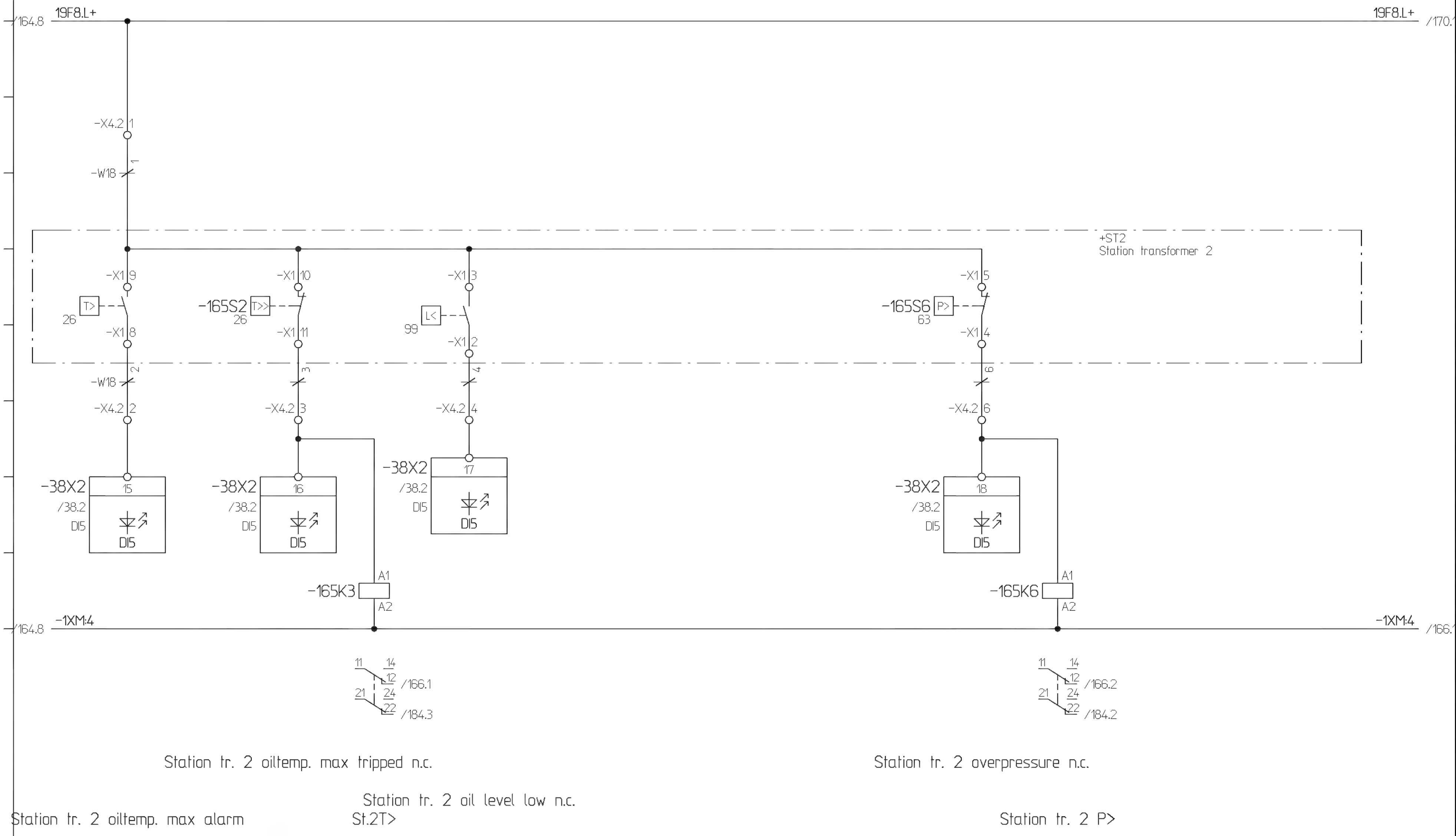


Bildbeschreibung
IMAGE DESCRIPTION

Signals from +OST2 outg. st. tr. 2 c.b.

Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
Check	A. Stellmann			Common Control Panel	43730	437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 164 / 211 BL

Index | changing | Date | name



Bildbeschreibung
IMAGE DESCRIPTION

Signals from station transformer 2

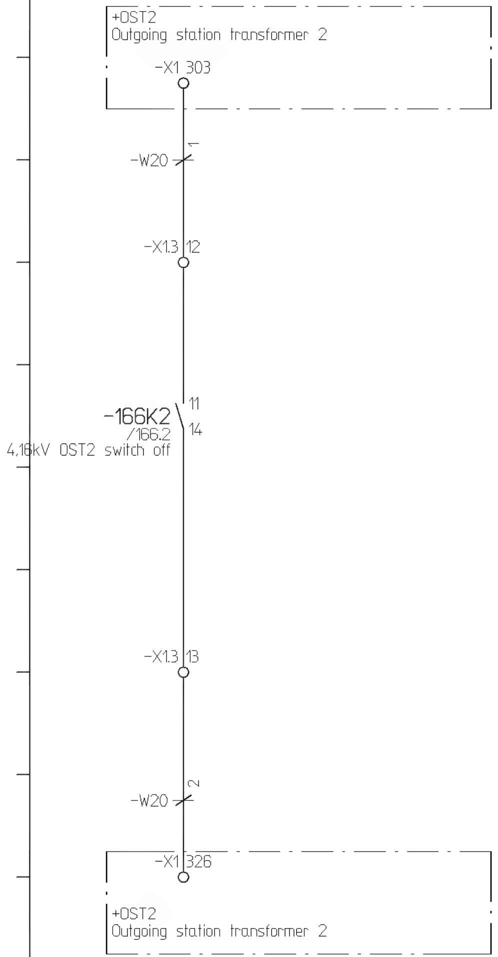
Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730 / 437300	page 165
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. station tr. 2

Index	changing	Date	name					
Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
Check	A. Stellmann			Common Control Panel	43730	437300	page 166
Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03			211 BL



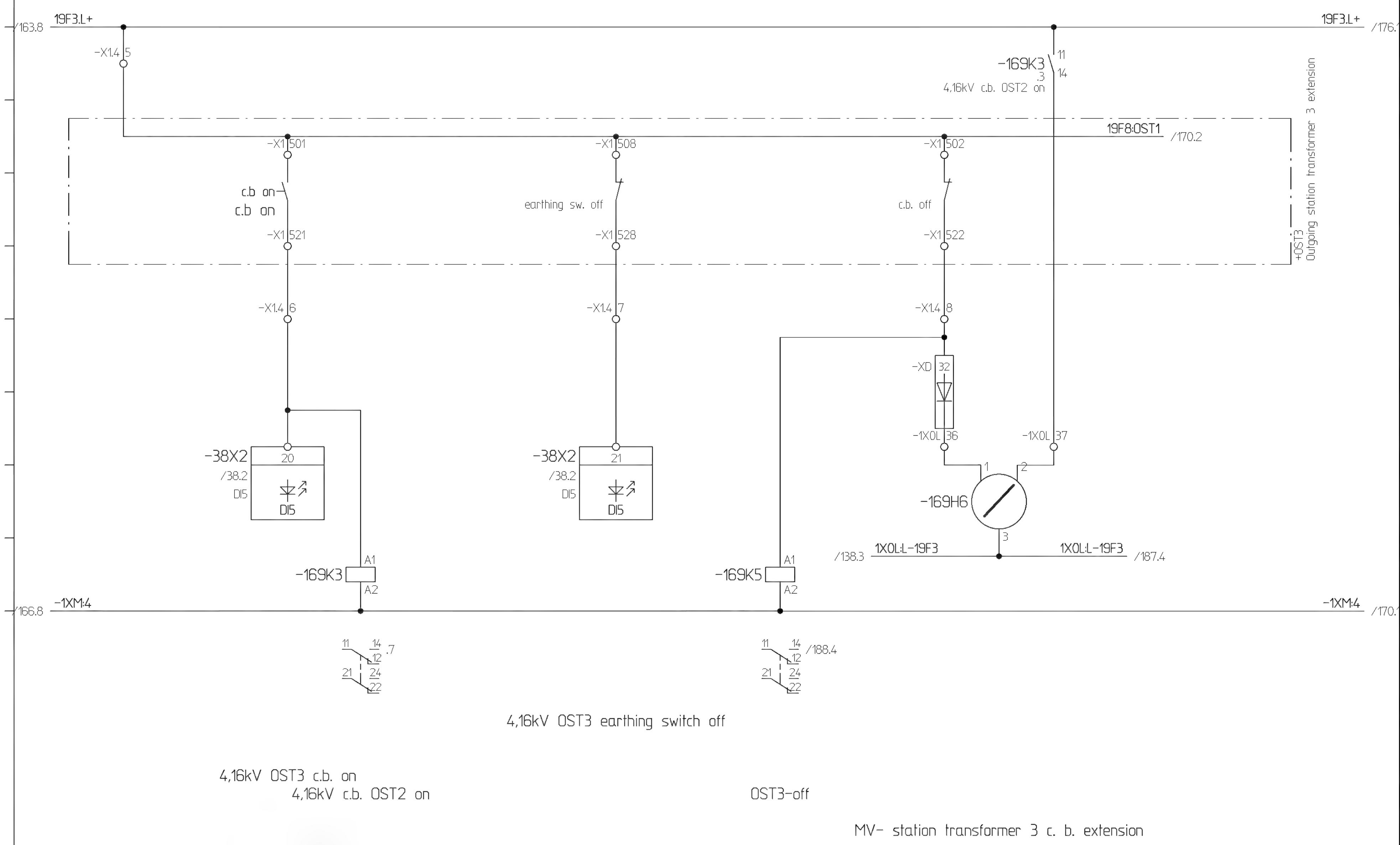
C.b. closing inhibit

Bildbeschreibung IMAGE DESCRIPTION: Control 4,16kV c. b. station tr. 2

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			

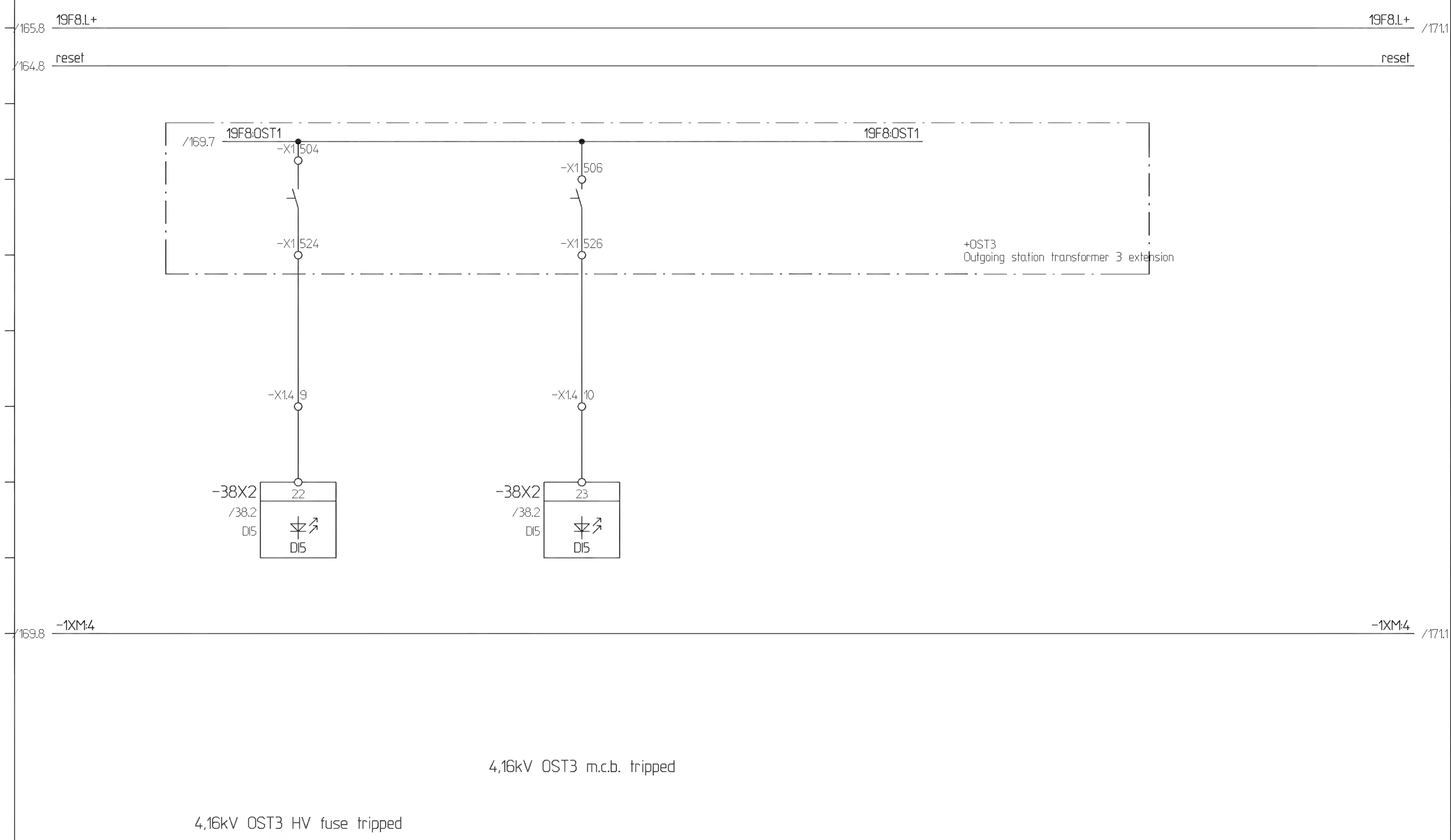
Bildbeschreibung
IMAGE DESCRIPTION
spare

				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730 / 437300	page 168
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL



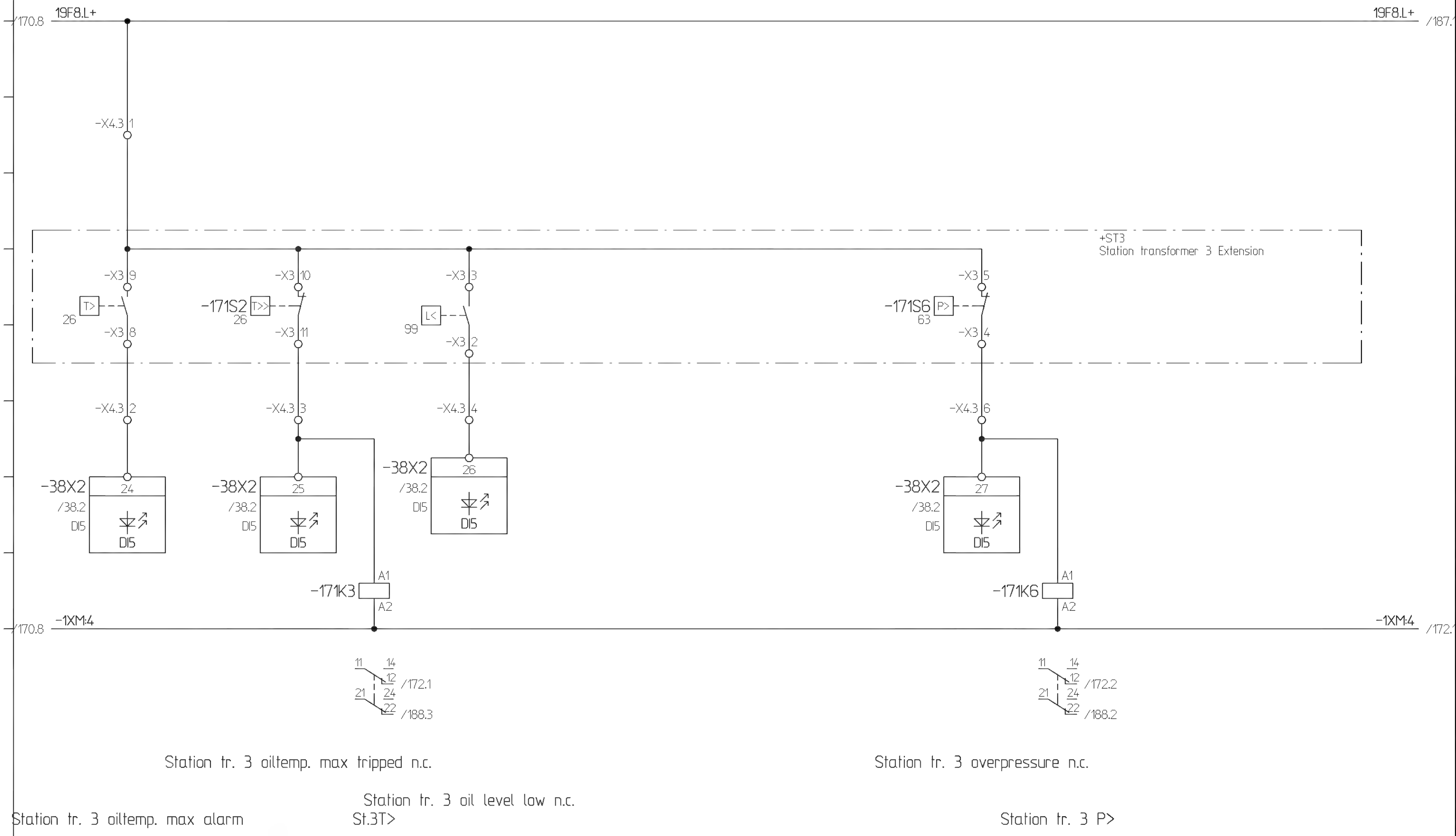
Bildbeschreibung IMAGE DESCRIPTION: Signals fr.+OST3 outg. st. tr. 3 c.b.ext

Index	changing	Date	name							
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 169 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION
Signals fr.+OST3 outg. st. tr. 3 c.b.ext

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 170 / 211 BL



Bildbeschreibung IMAGE DESCRIPTION: Signals from station transformer 3 ext.

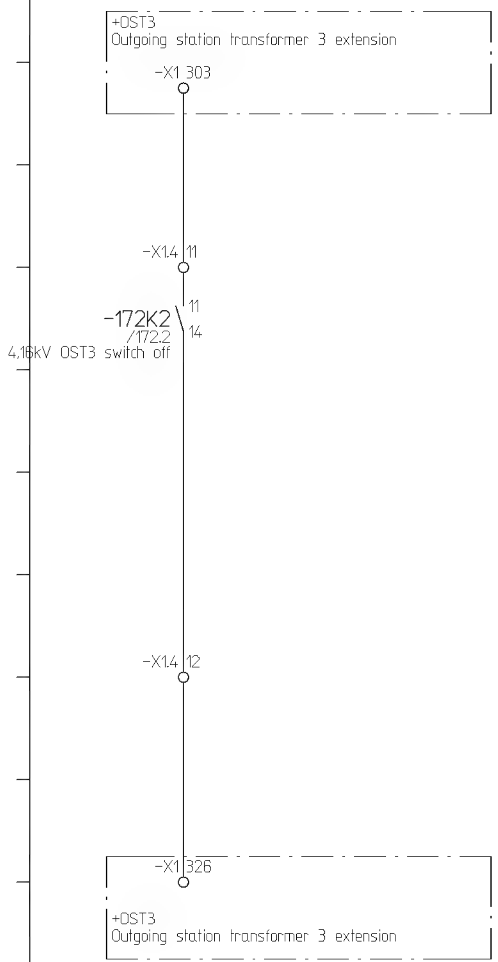
Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 171 / 211 Bl.

Index | changing | Date | name



Bildbeschreibung IMAGE DESCRIPTION: Control 4,16kV c. b. station tr. 3 ext.

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 172 / 211 BL



C.b. closing inhibit

Bildbeschreibung
IMAGE DESCRIPTION

Control 4,16kV c. b. station tr. 3 ext.

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

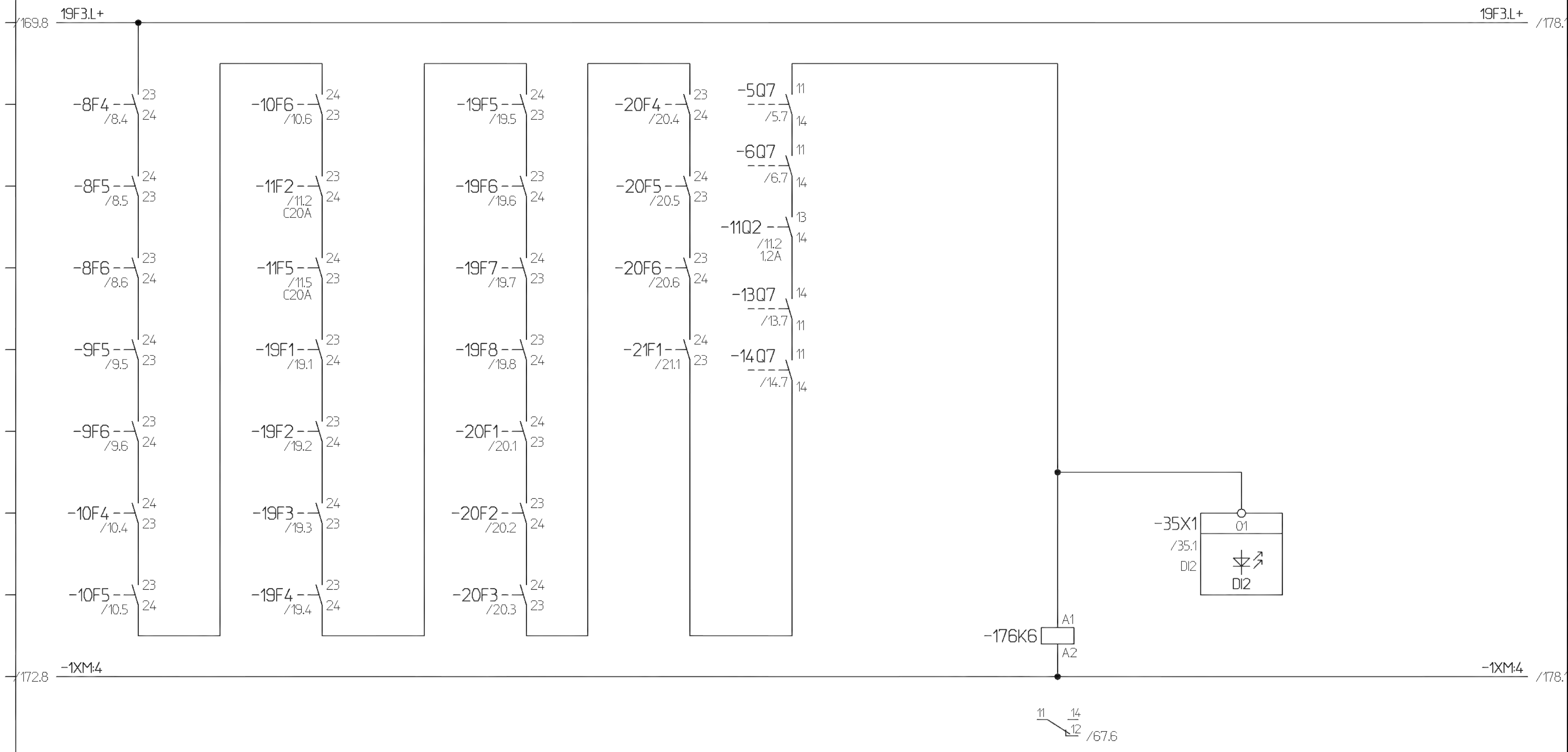
=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 174 / 211 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03			
				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP	
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP	
				Check	A. Stellmann			Common Control Panel	43730	437300	page 175 / 211 BL



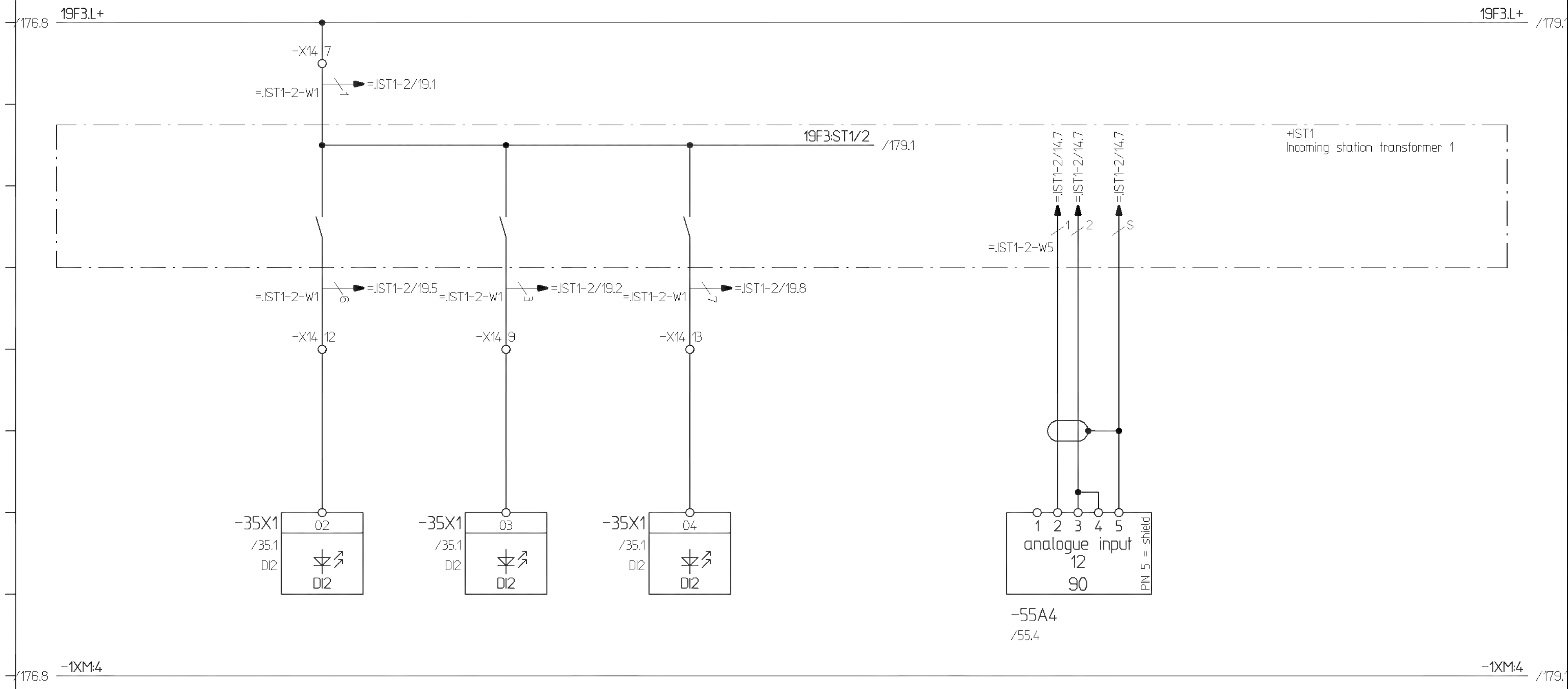
Bildbeschreibung
IMAGE DESCRIPTION

Internal failure indication

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300
				Norm	33	Orig. / Ersf.	Ers.d. 11.09.03			page 176 / 211 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

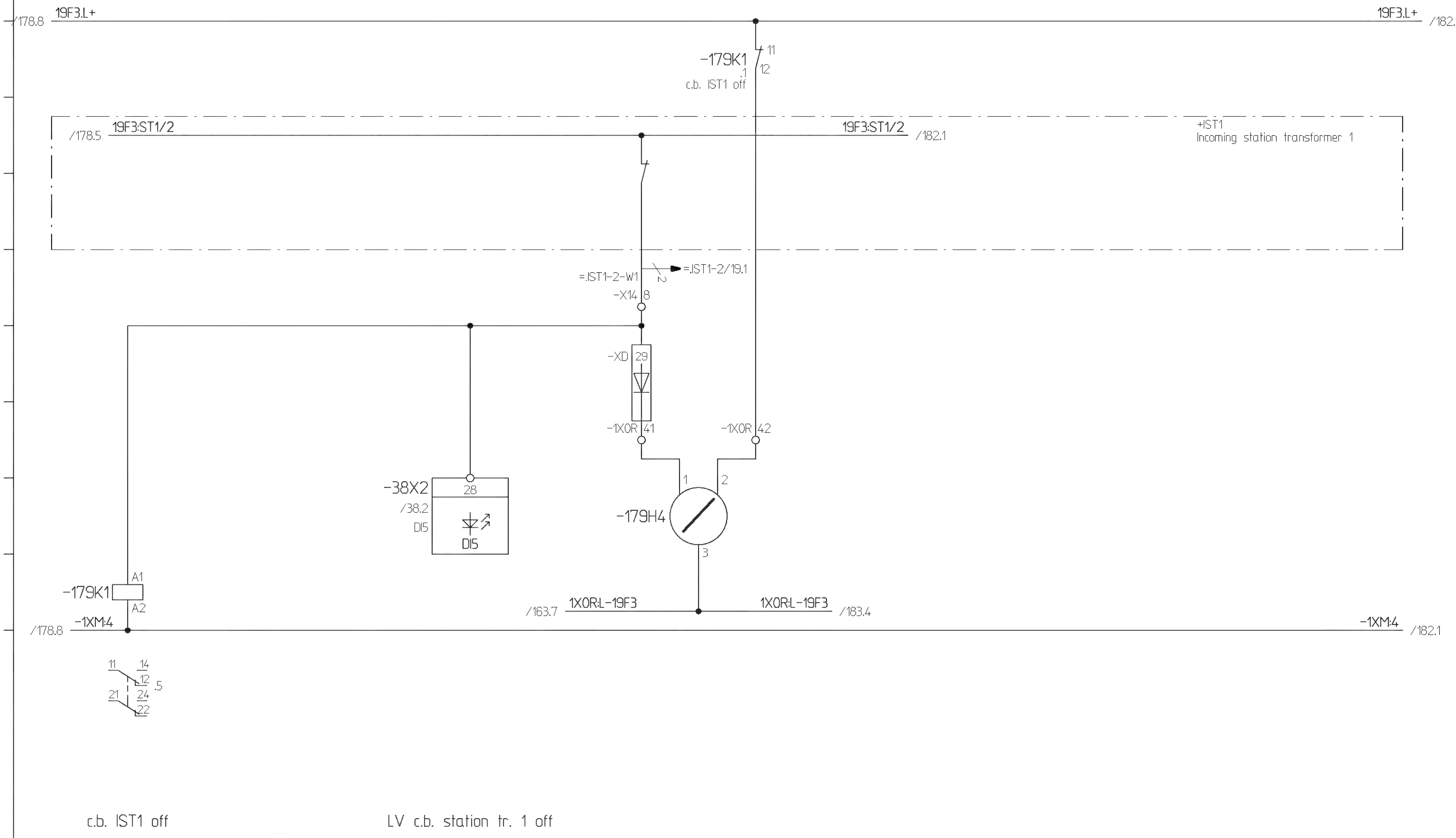
Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
				Check	A. Stellmann			Common Control Panel	43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 177 / 211 BL



Bildbeschreibung IMAGE DESCRIPTION: Signals from +IST1

Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
Check	A. Stellmann			Common Control Panel	43730	437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 178 / 211 BL

Index | changing | Date | name



Station transformer 1 LV c. b.

Bildbeschreibung
IMAGE DESCRIPTION

Indication from +IST1

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 11.09.03

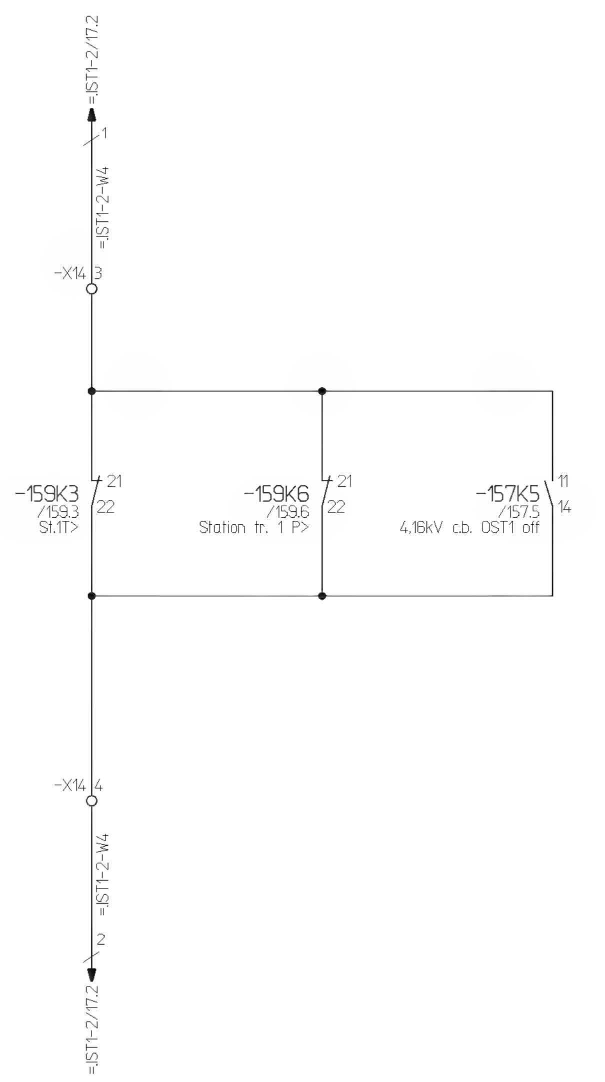
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



C.b. +IST1 off

Bildbeschreibung IMAGE DESCRIPTION: controller +IST1 c. b.

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 180 / 211 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

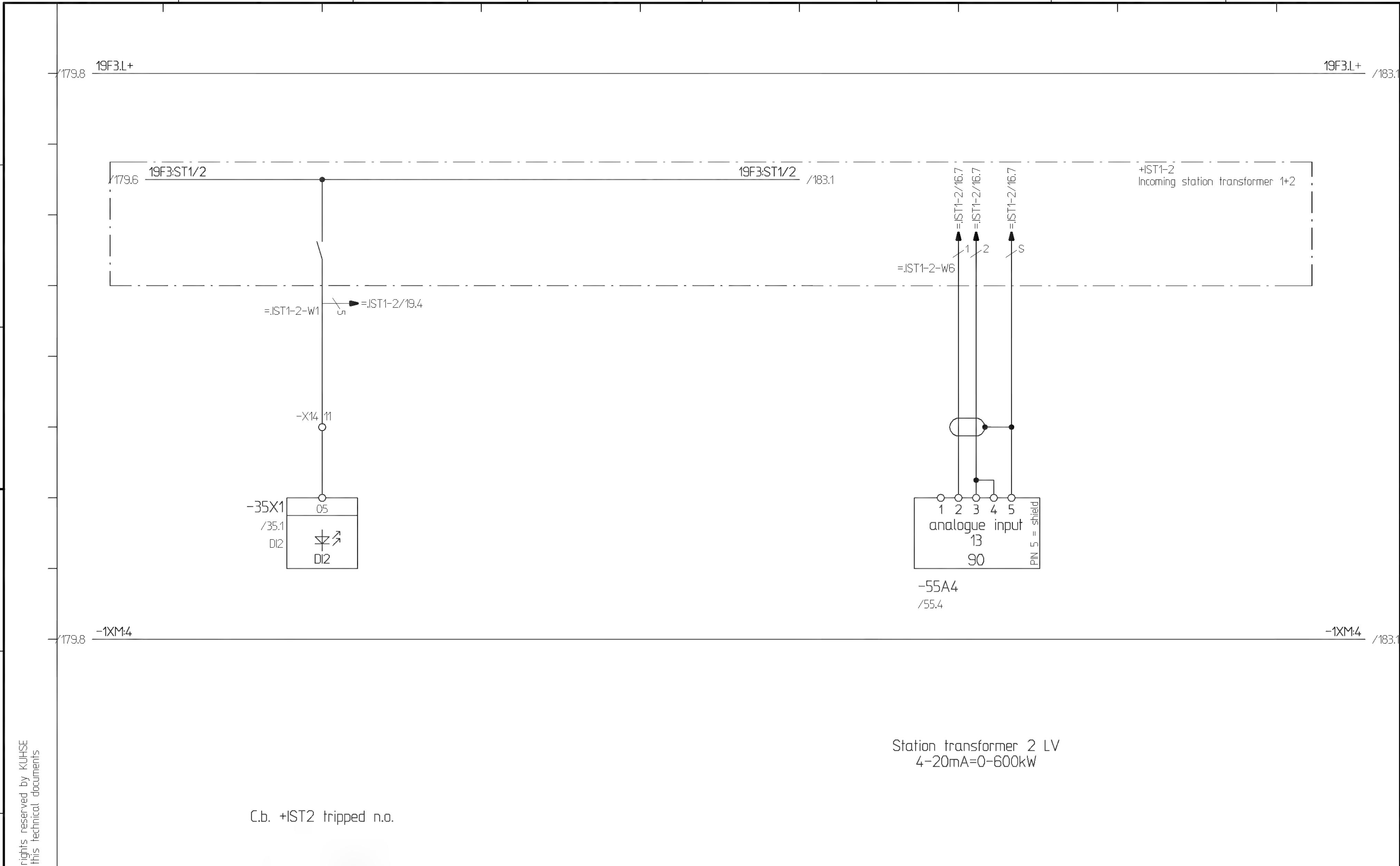
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

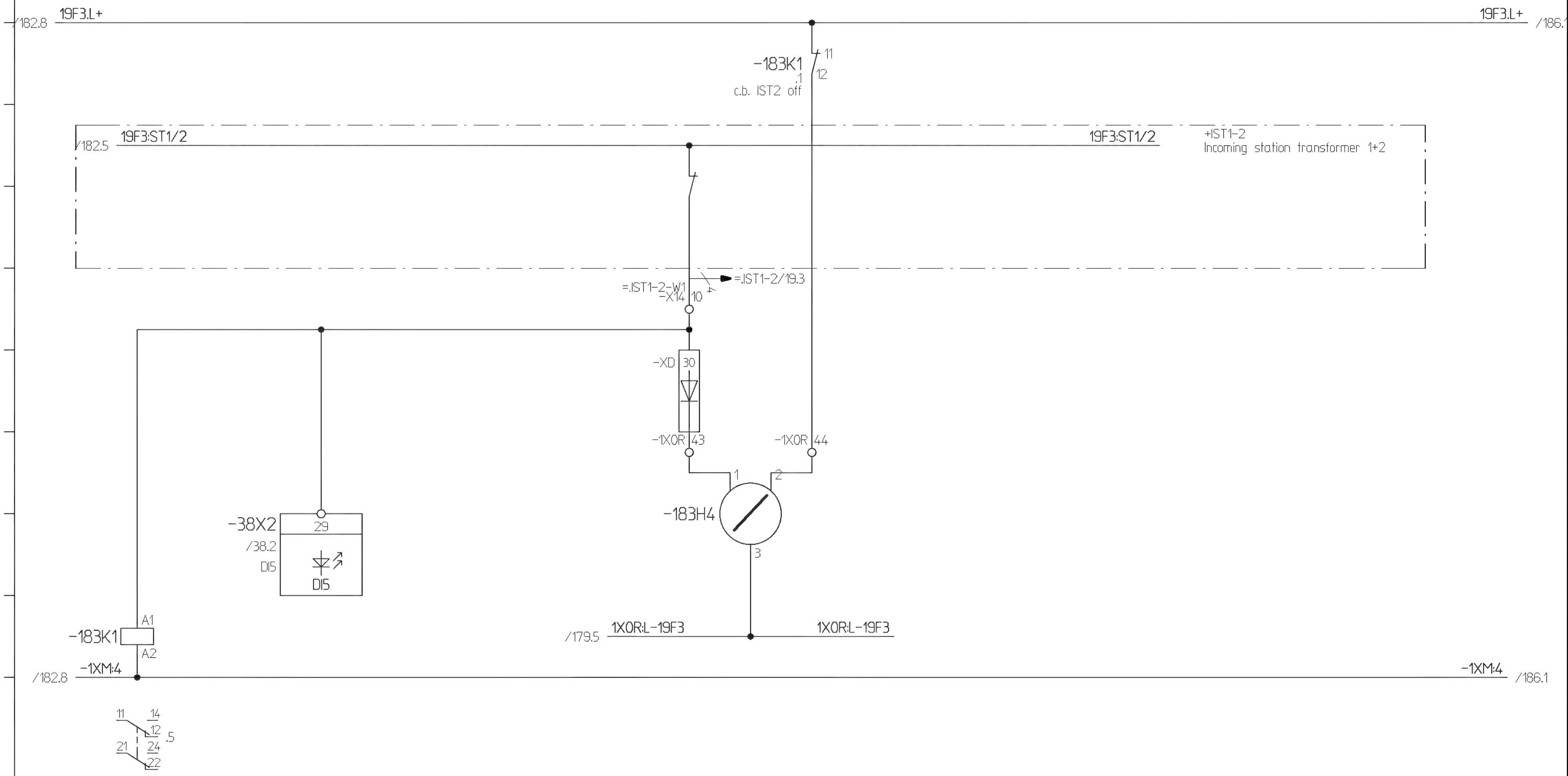
=DPP
+CCP



Bildbeschreibung IMAGE DESCRIPTION: Signals from +IST2

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
Desig.	A. Stellmann					
Check	A. Stellmann				43730	437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 182 / 211 BL

Index | changing | Date | name



c.b. IST2 off

LV c.b. station tr. 2 off

Station transformer 2 LV c. b.

Bildbeschreibung
IMAGE DESCRIPTION

Indication from +IST2

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

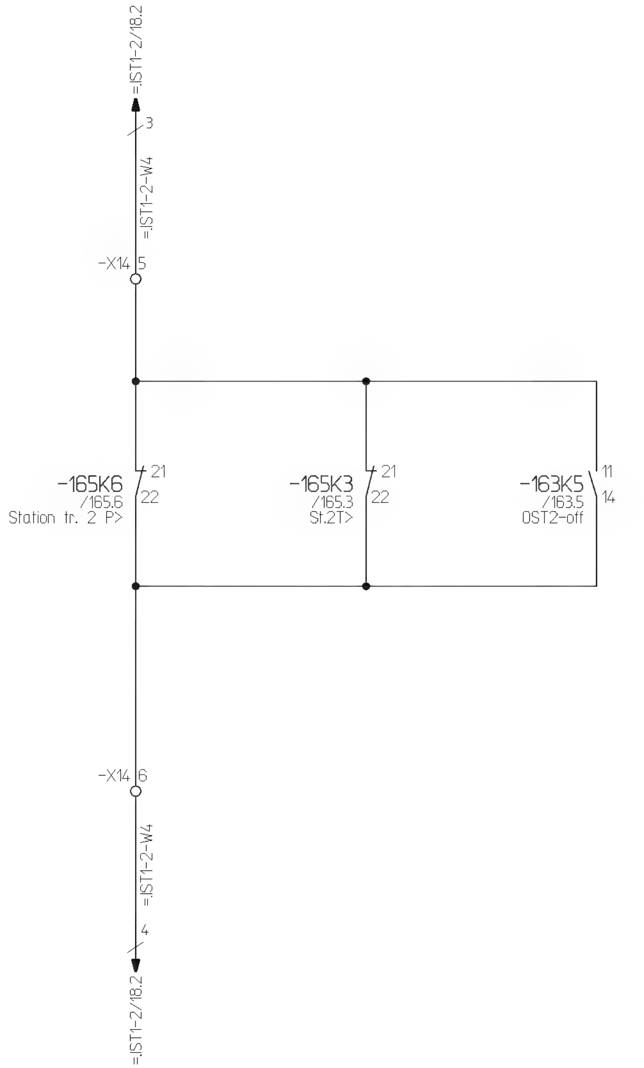
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



C.b. +IST2 off

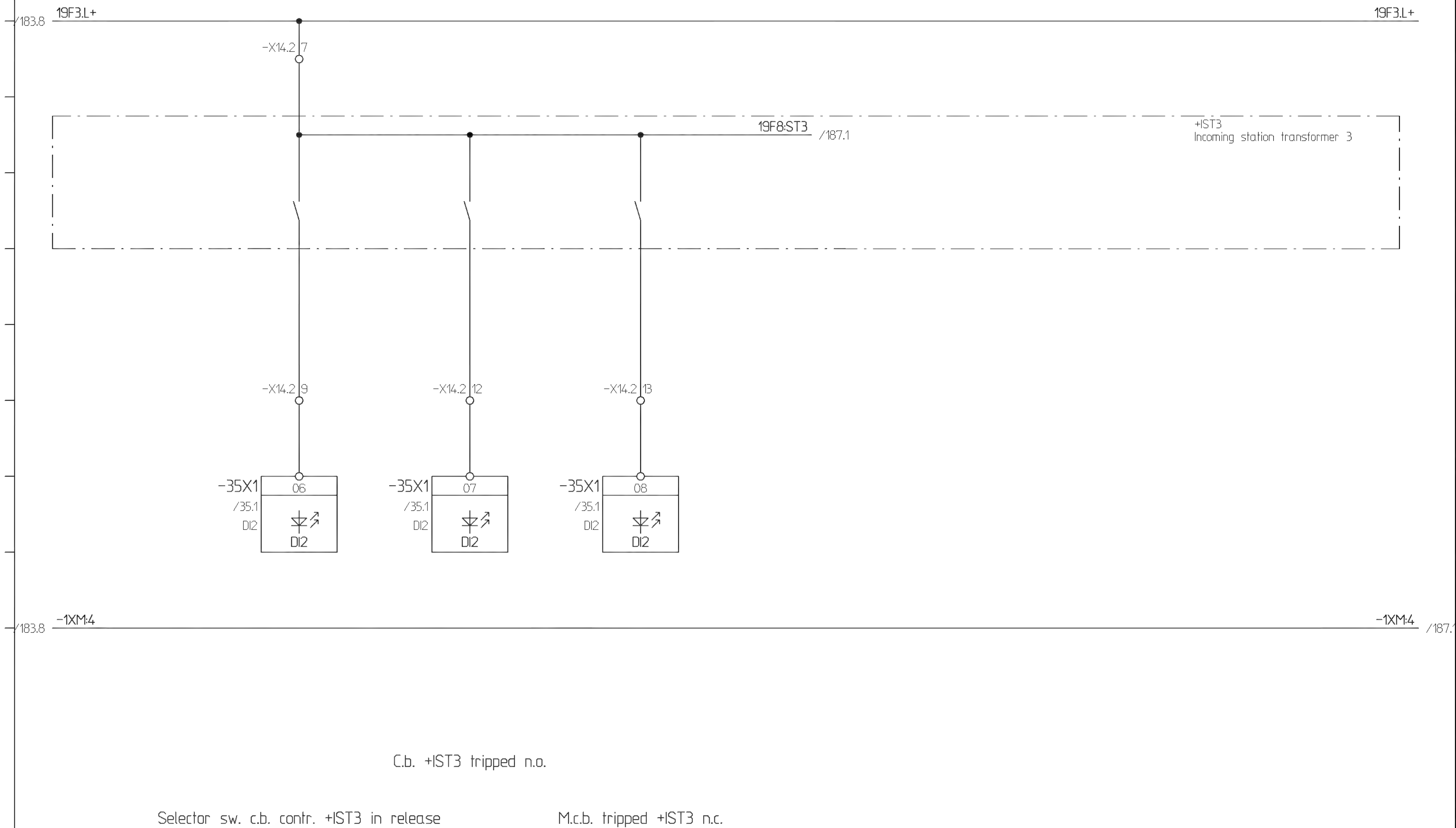
Bildbeschreibung
IMAGE DESCRIPTION: controller +IST2 c. b.

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann					
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		43730 / 437300	page 184 / 211 BL

Bildbeschreibung
IMAGE DESCRIPTION

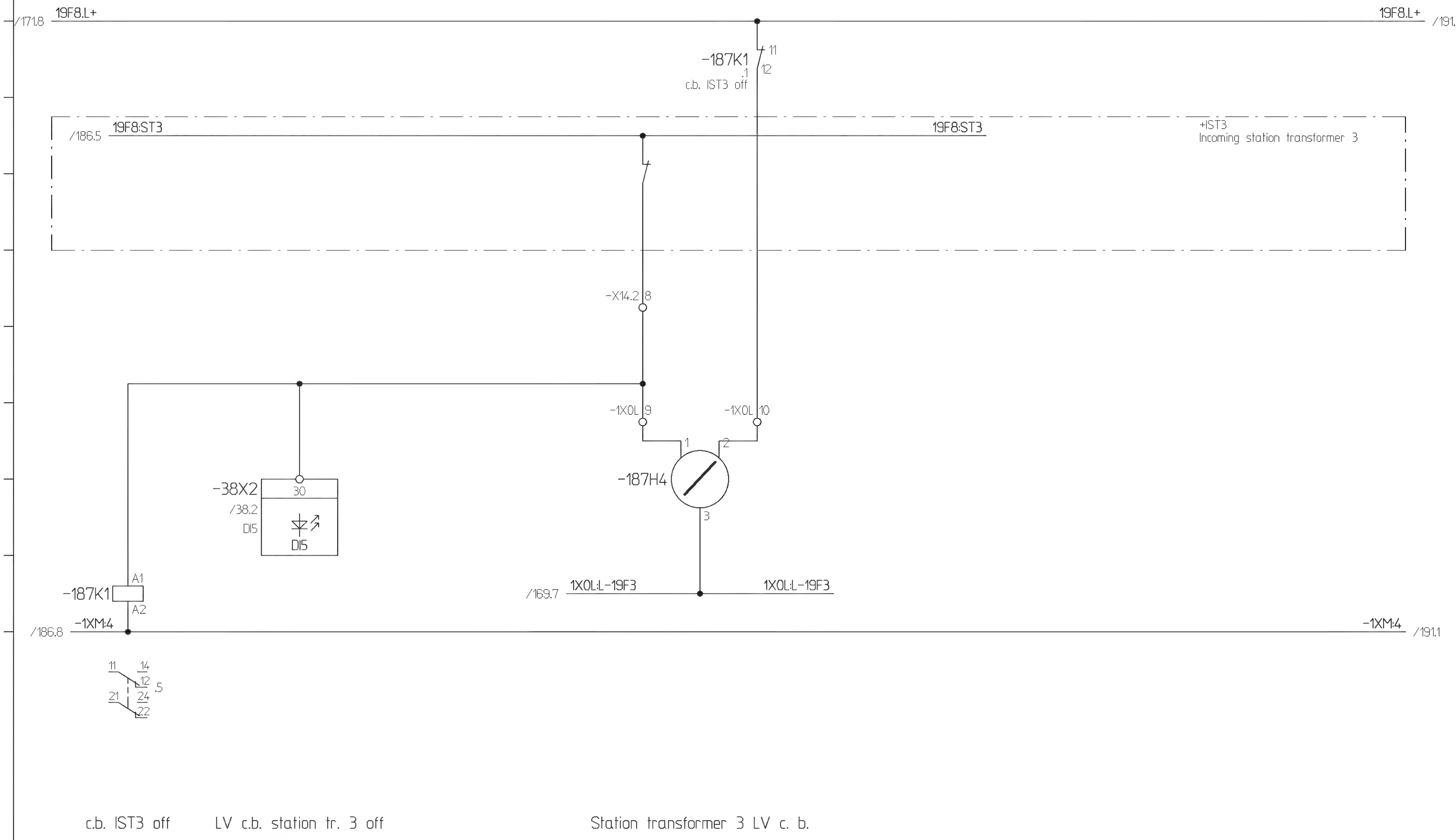
spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig.	Ers.f.	Ers.d. 11.09.03		page 185 / 211 BL
				Norm	33					



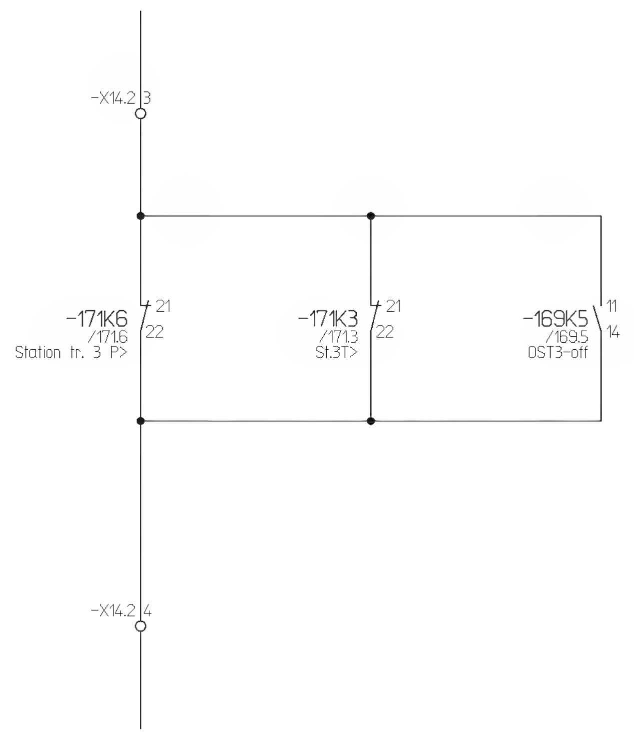
Bildbeschreibung IMAGE DESCRIPTION: Signals from +IST3 extension

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 186 / 211 BL



Bildbeschreibung / IMAGE DESCRIPTION: Indication from +IST3 extension

Index	changing	Date	name		
Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		page 187 / 211 BL



C.b. +IST3 off

Bildbeschreibung
IMAGE DESCRIPTION

Control +IST3 c. b. extension

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig.
Ers.f.
Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

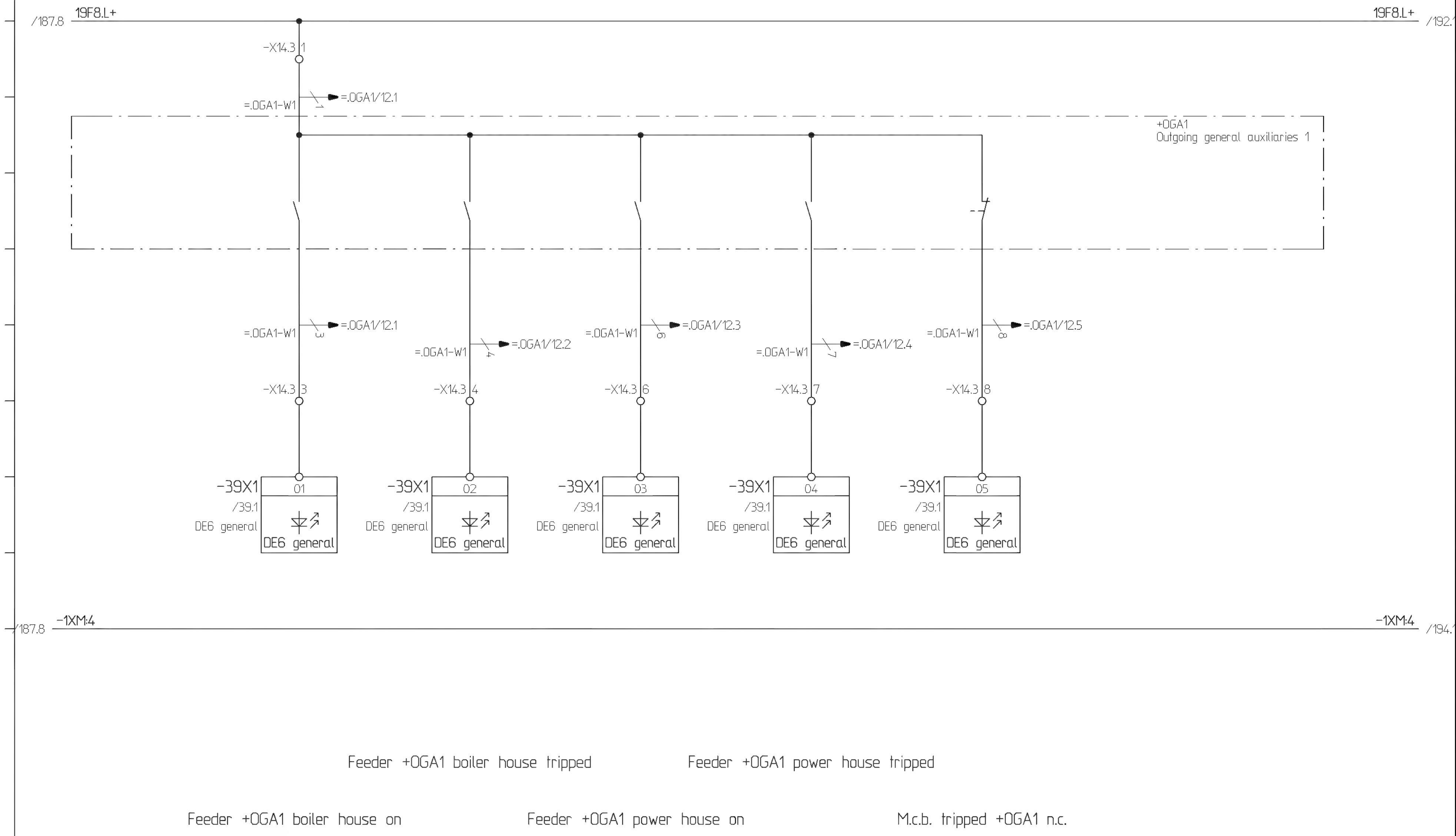
43730 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730 / 437300	page 190 / 211 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



Bildbeschreibung
IMAGE DESCRIPTION

Signals from +OGA1

Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP
Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP
Check	A. Stellmann			Common Control Panel	43730 / 437300	page 191
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			211 BL

Index | changing | Date | name

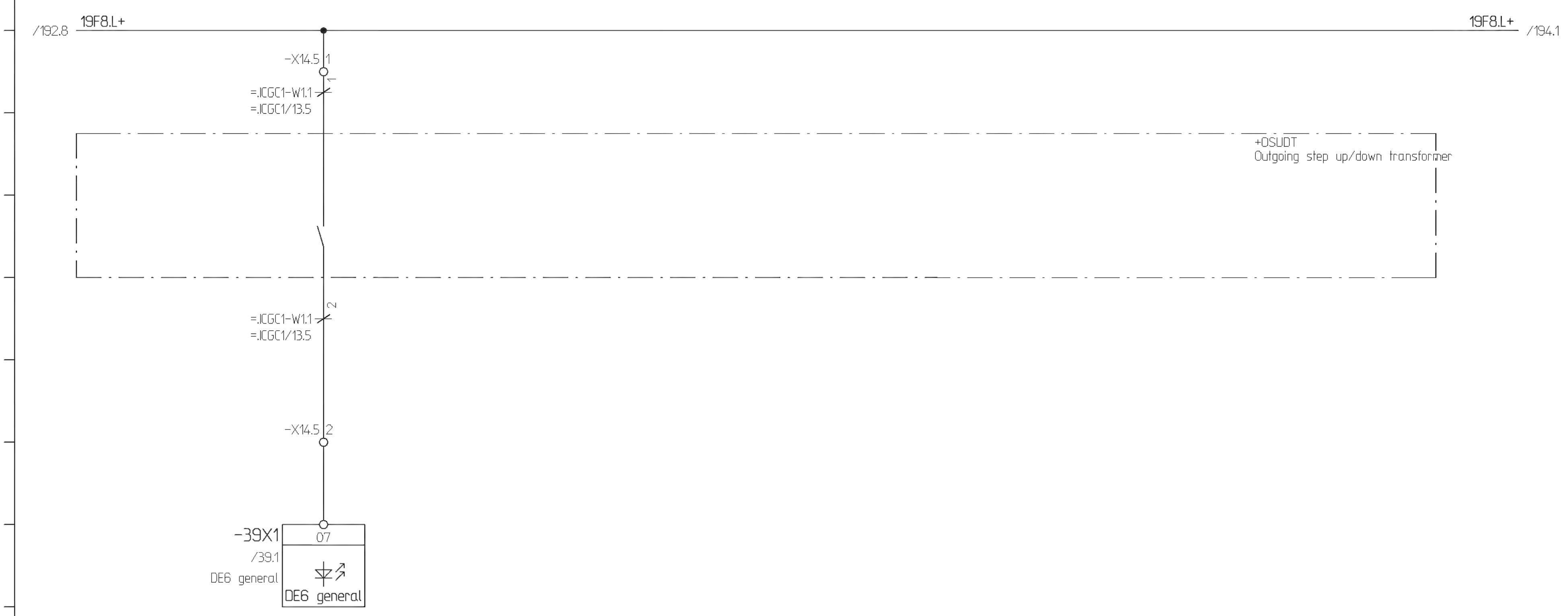


M.c.b. tripped +OGA2 n.c.

Bildbeschreibung
IMAGE DESCRIPTION

Signals from +OGA2

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 192 / 211 BL

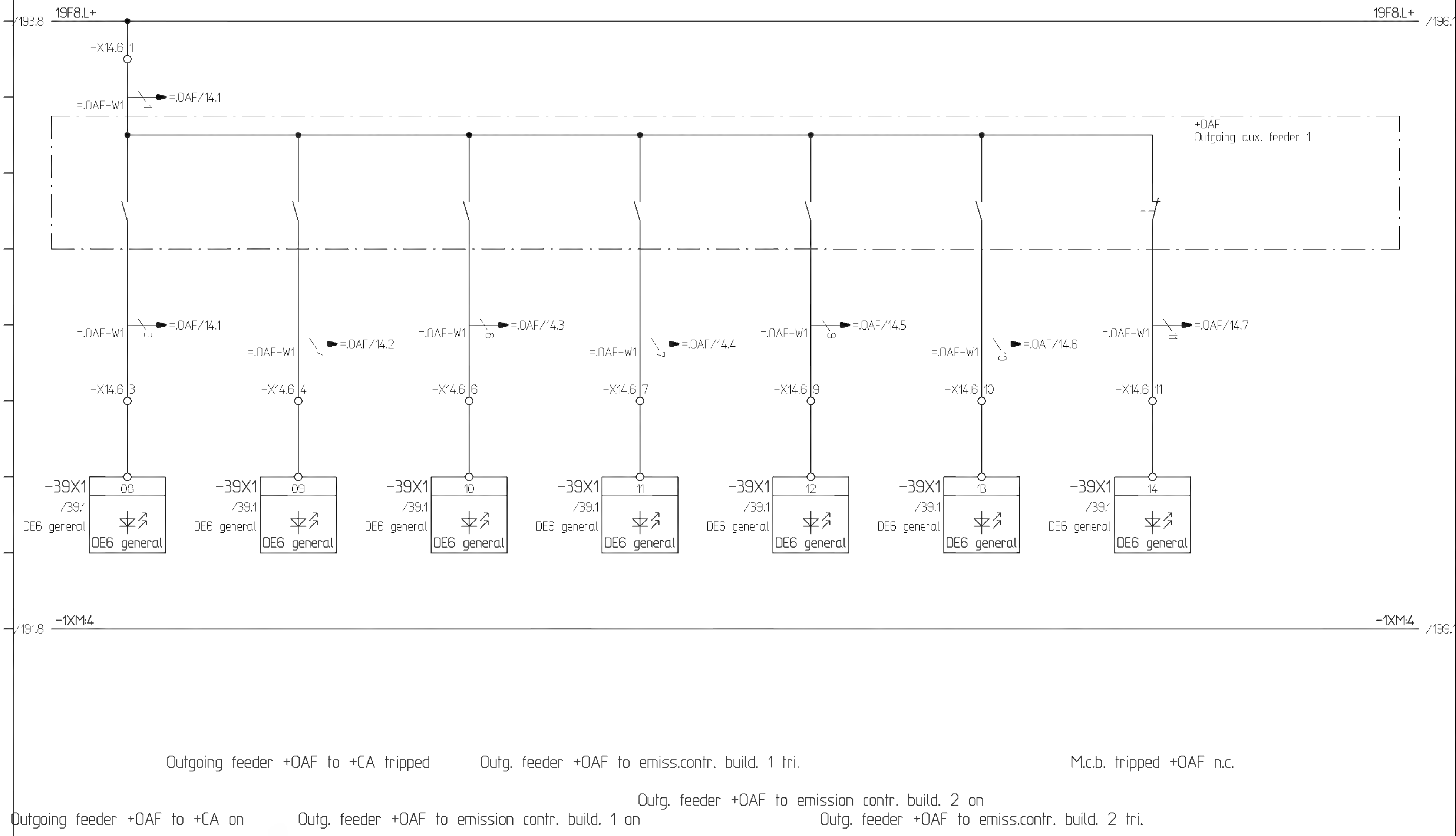


M.c.b. tripped +OSUDT n.c.

Bildbeschreibung
IMAGE DESCRIPTION

Signals from +OSUDT (in ICGC1)

			Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.	4500005501	=DPP	
			Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC		+CCP	
			Check	A. Stellmann			Common Control Panel	43730	437300	page 193
Index	changing	Date	name	Norm 33	Orig. Ers.f.	Ers.d. 11.09.03				211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Signals from +0AF

Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03

Date: 08.07.03
Desig.: A. Stellmann
Check: A. Stellmann

Elektrim-MEGADEX
Monde Energy Philippines

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730
437300
=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION
spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

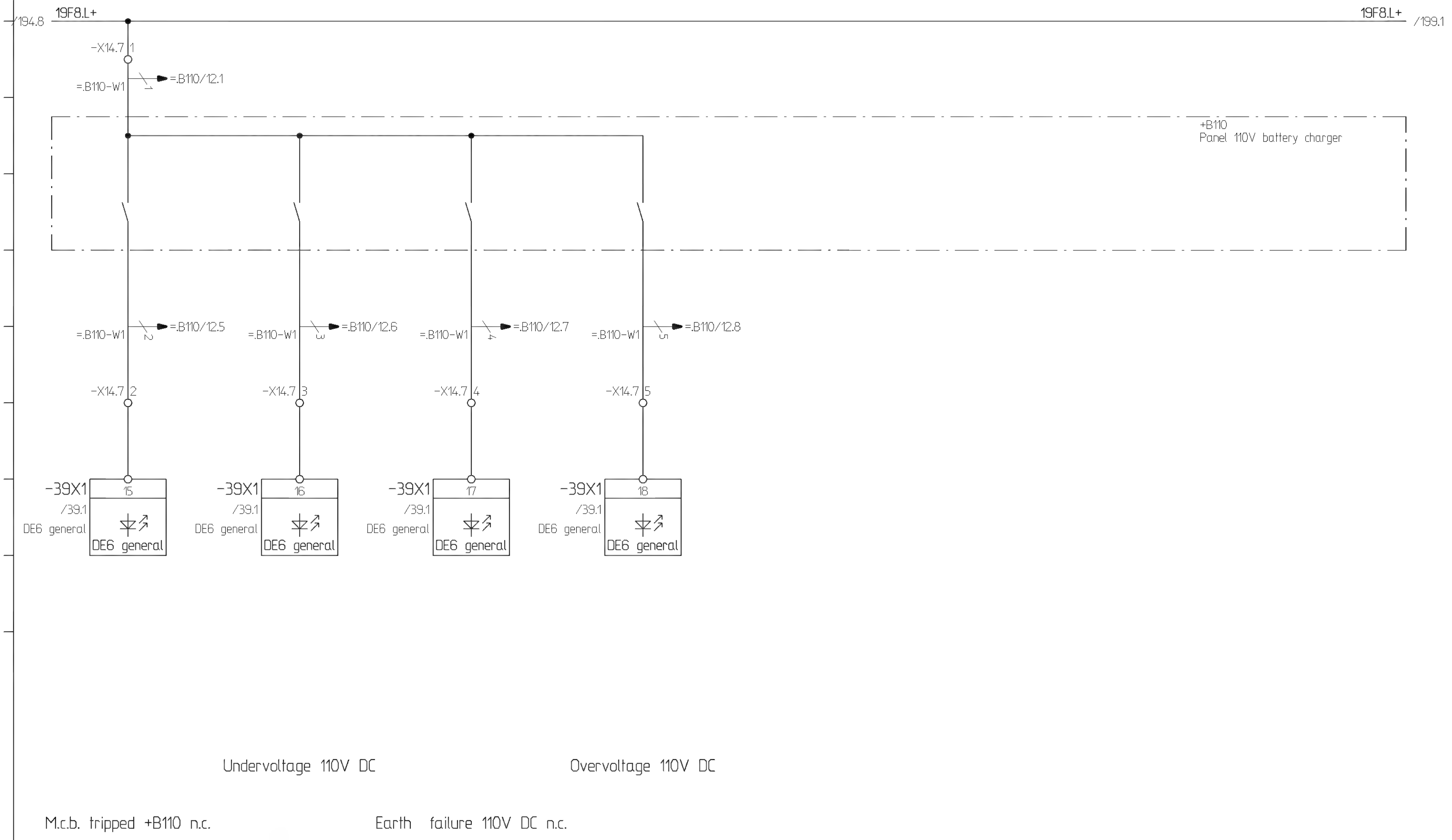
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

=DPP
+CCP

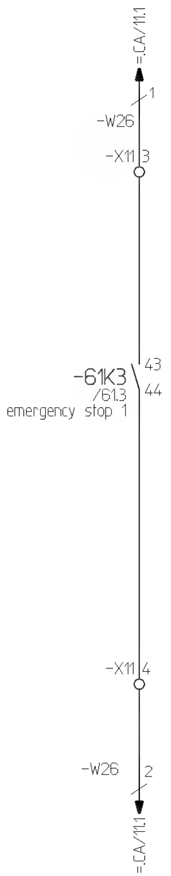


Bildbeschreibung IMAGE DESCRIPTION: Signals from +B110

Index	changing	Date	name	Norm	33	Orig.	Ersf.	Ers.d. 11.09.03
				Date	08.07.03	Elektrim-MEGADEX	KUHSE	DPP 5(7) Syn.
				Desig.	A. Stellmann	Monde Energy Philippines		MST 5"/10"PC
				Check	A. Stellmann			Common Control Panel

4500005501 — =DPP +CCP

43730 — 437300 — page 196 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Signals to +CA

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig.
Ers.f.

KUHSE

Ers.d. 11.09.03

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

=DPP
+CCP

page 198
211 BL

/196.8 19F8.L+ — 19F8.L+ /200.1

/194.8 -1XM:4 — -1XM:4 /202.1

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

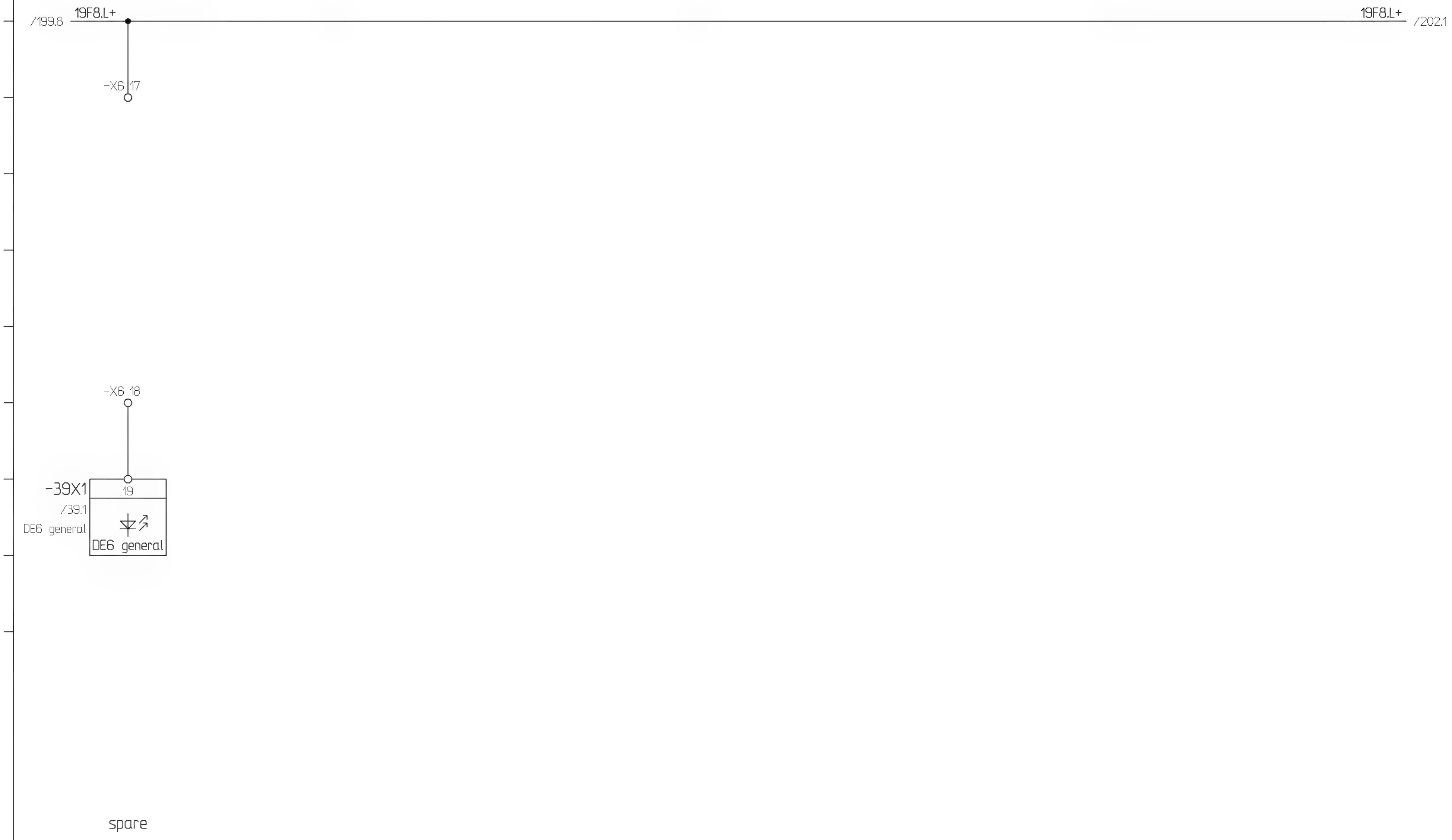
KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 | 437300

=DPP
+CCP



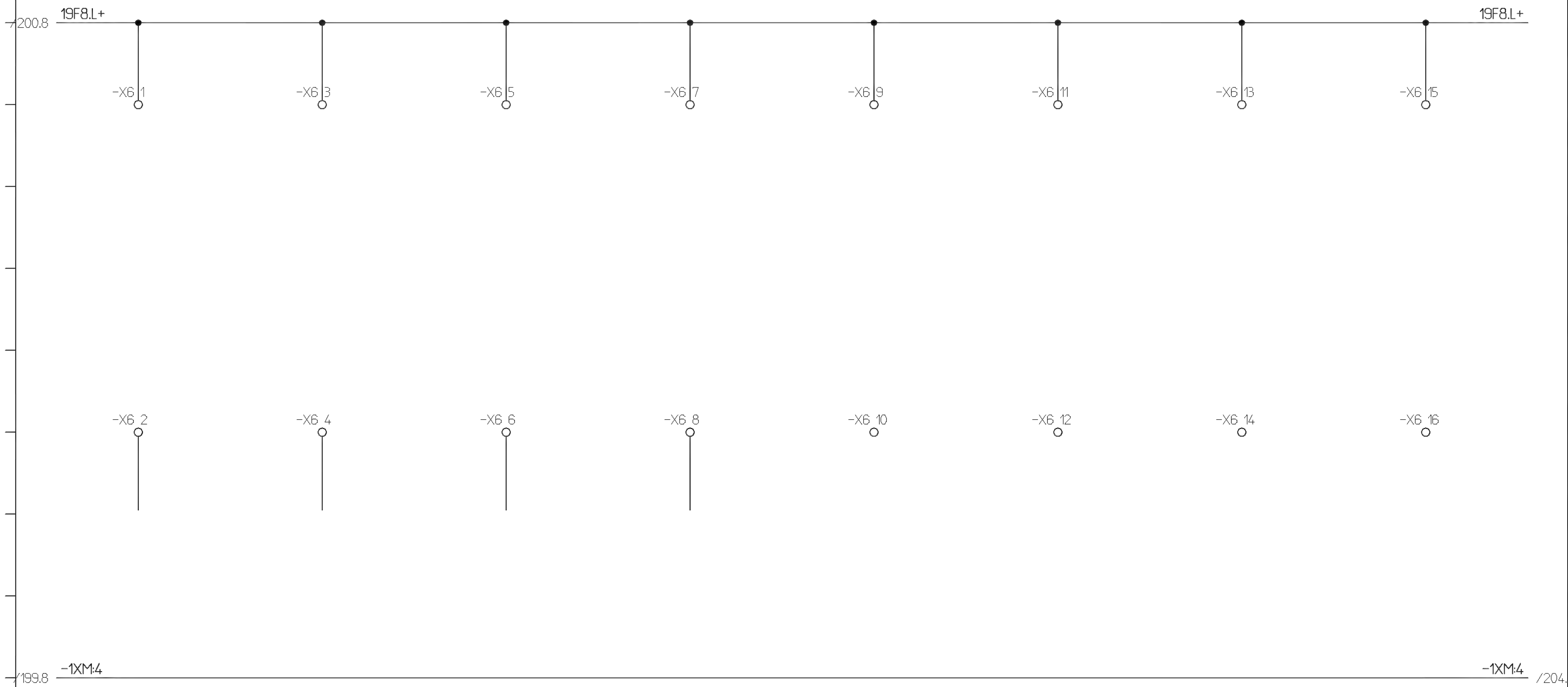
Bildbeschreibung IMAGE DESCRIPTION: Failure inputs

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann				43730	437300
				Check	A. Stellmann	Orig.	Ers.f.	Ers.d. 11.09.03		
				Norm	33					

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			



Bildbeschreibung IMAGE DESCRIPTION: Digital inputs spare

Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03
				Date	08.07.03			
				Desig.	A. Stellmann			
				Check	A. Stellmann			

Elektrim-MEGADEX
Monde Energy Philippines

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730

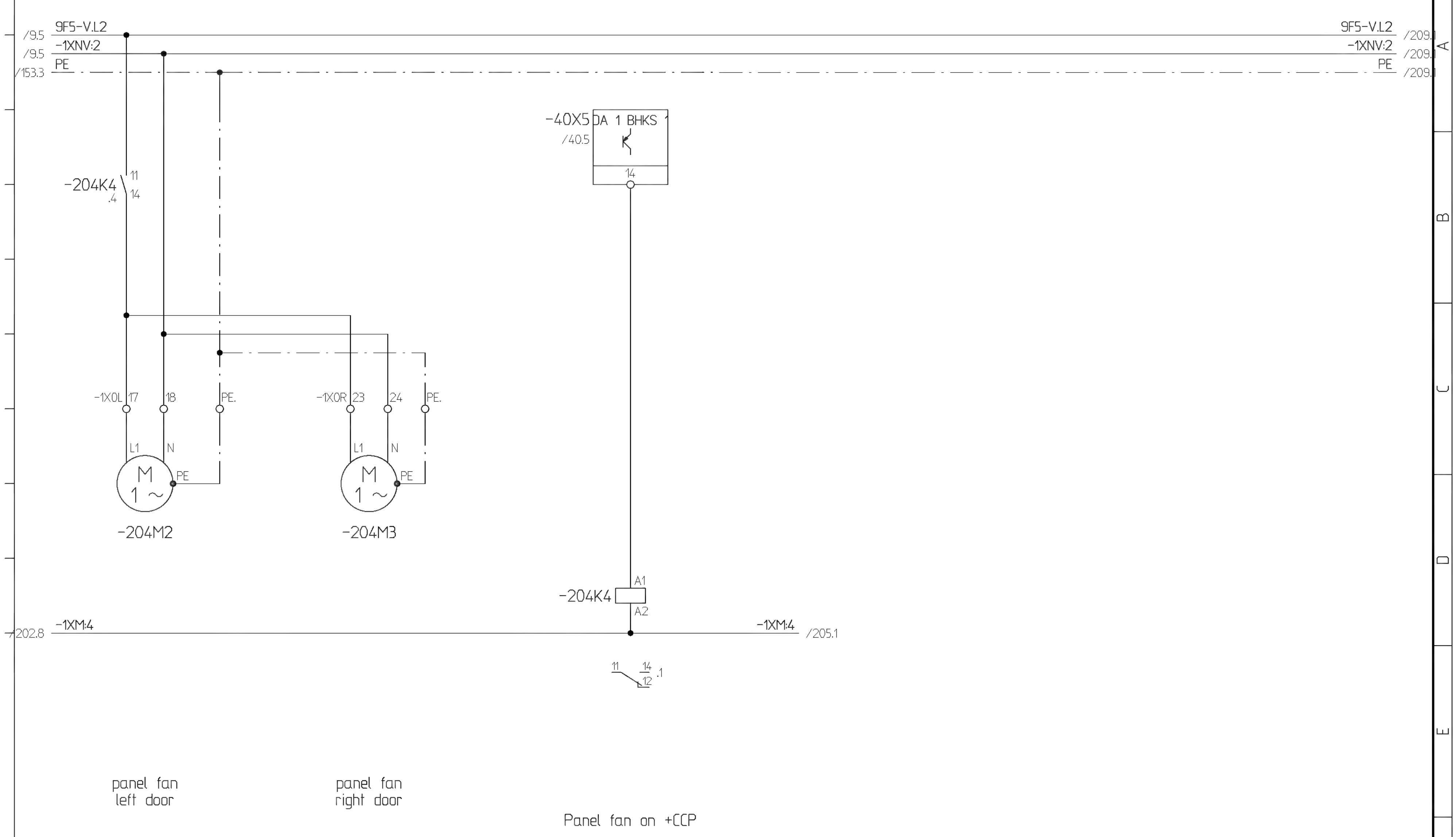
437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

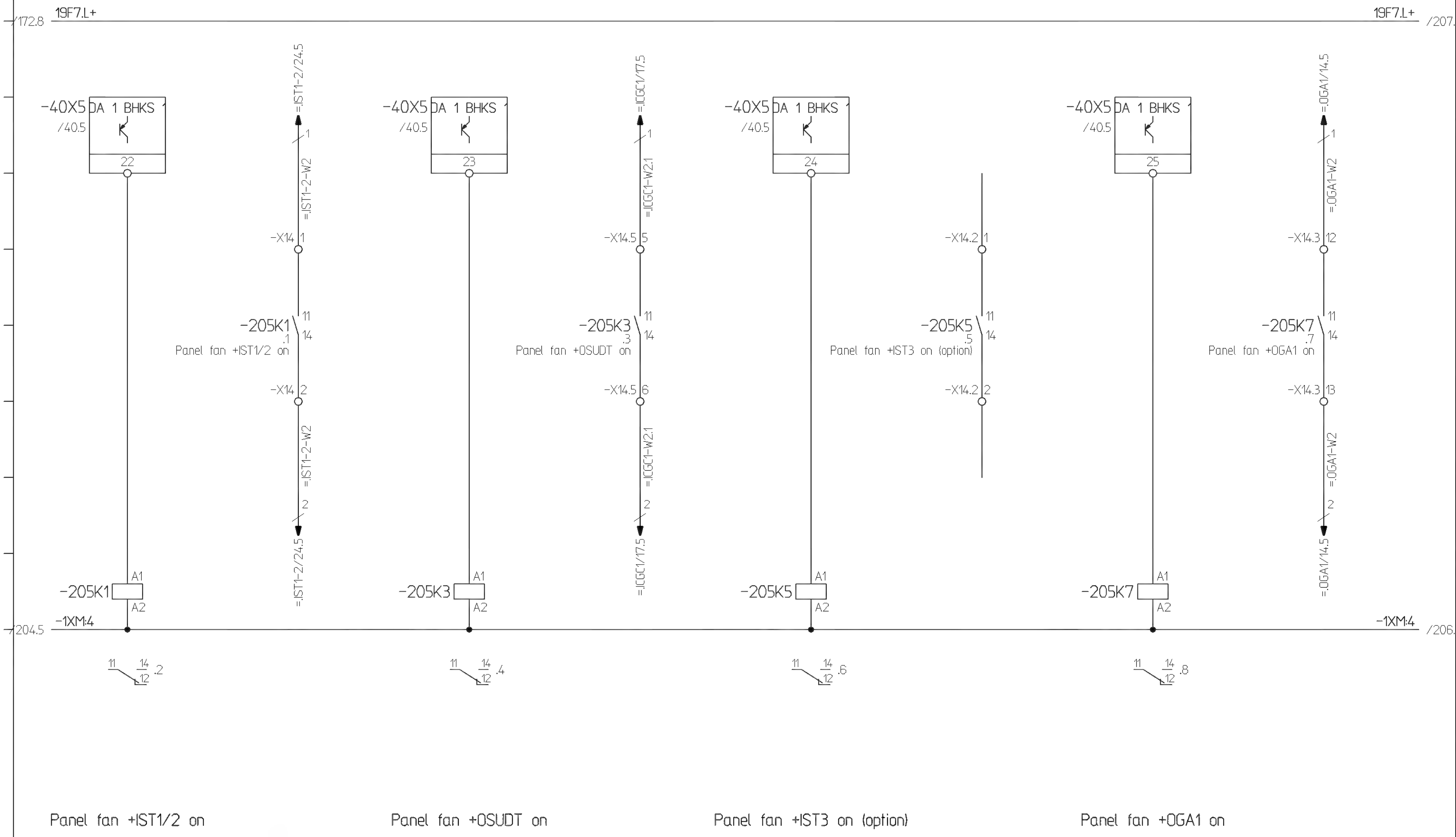
spare

Index	changing	Date	name								
				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP	
				Desig.	A. Stellmann						
				Check	A. Stellmann				43730	437300	page 203 / 211 BL
				Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03				



Bildbeschreibung
IMAGE DESCRIPTION
control cab ventilation +CCP

				Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
Index	changing	Date	name	Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03			page 204 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

control cab ventilators

Index	changing	Date	name	Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

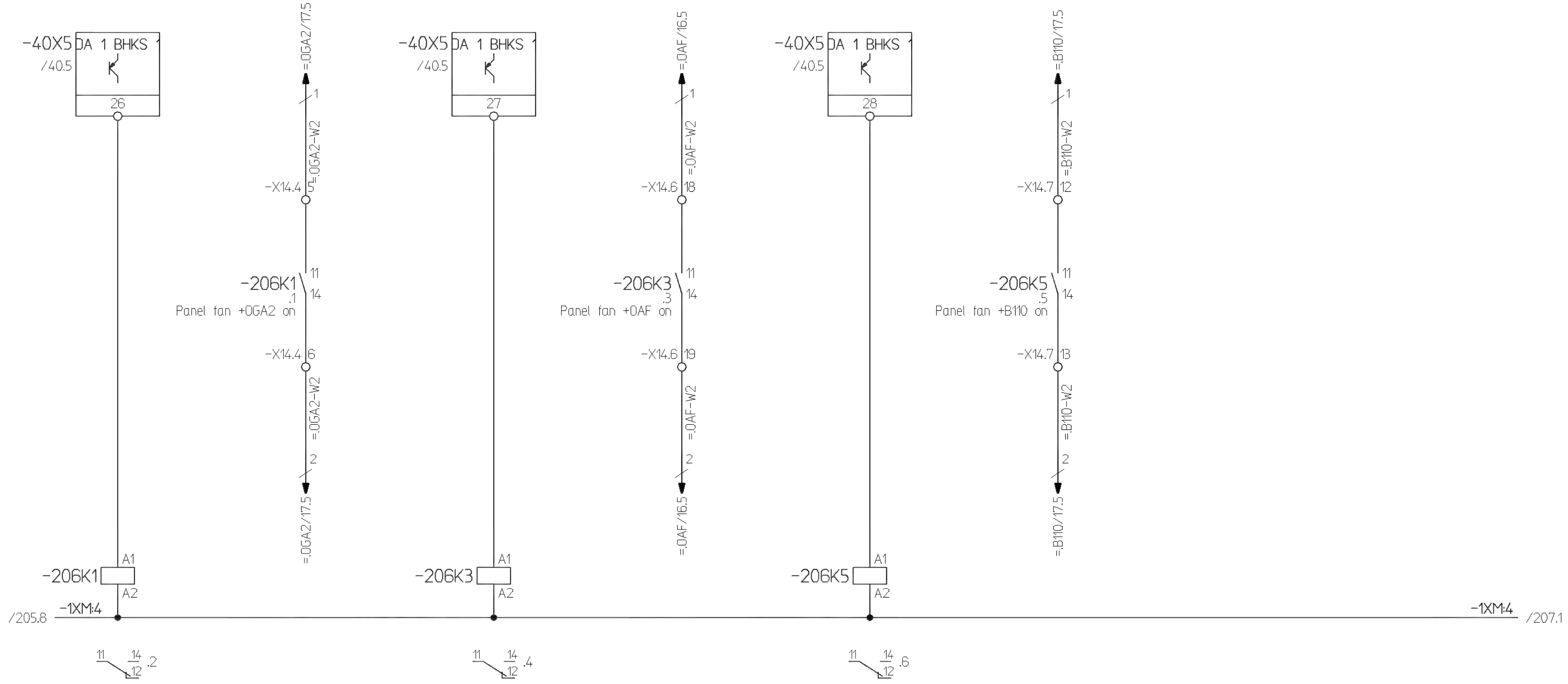
Orig. | Ersf. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730 | 437300

=DPP
+CCP



Panel fan +OGA2 on

Panel fan +OAF on

Panel fan +B110 on

Bildbeschreibung IMAGE DESCRIPTION: control cab ventilators

Index	changing	Date	name	Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501	=DPP +CCP
				Desig.	A. Stellmann					
				Check	A. Stellmann				43730	437300
				Norm	33	Orig. / Ersf.	Ersd. 11.09.03			page 206 / 211 BL



Bildbeschreibung
IMAGE DESCRIPTION

Spare outputs

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. | Ers.f. | Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501
43730
437300

=DPP
+CCP

Bildbeschreibung
IMAGE DESCRIPTION

spare

Index	changing	Date	name	Norm	33	Orig.	Ers.f.	Ers.d. 11.09.03

Date 08.07.03
Desig. A. Stellmann
Check A. Stellmann

Elektrim-MEGADEX
Monde Energy Philippines

KUHSE

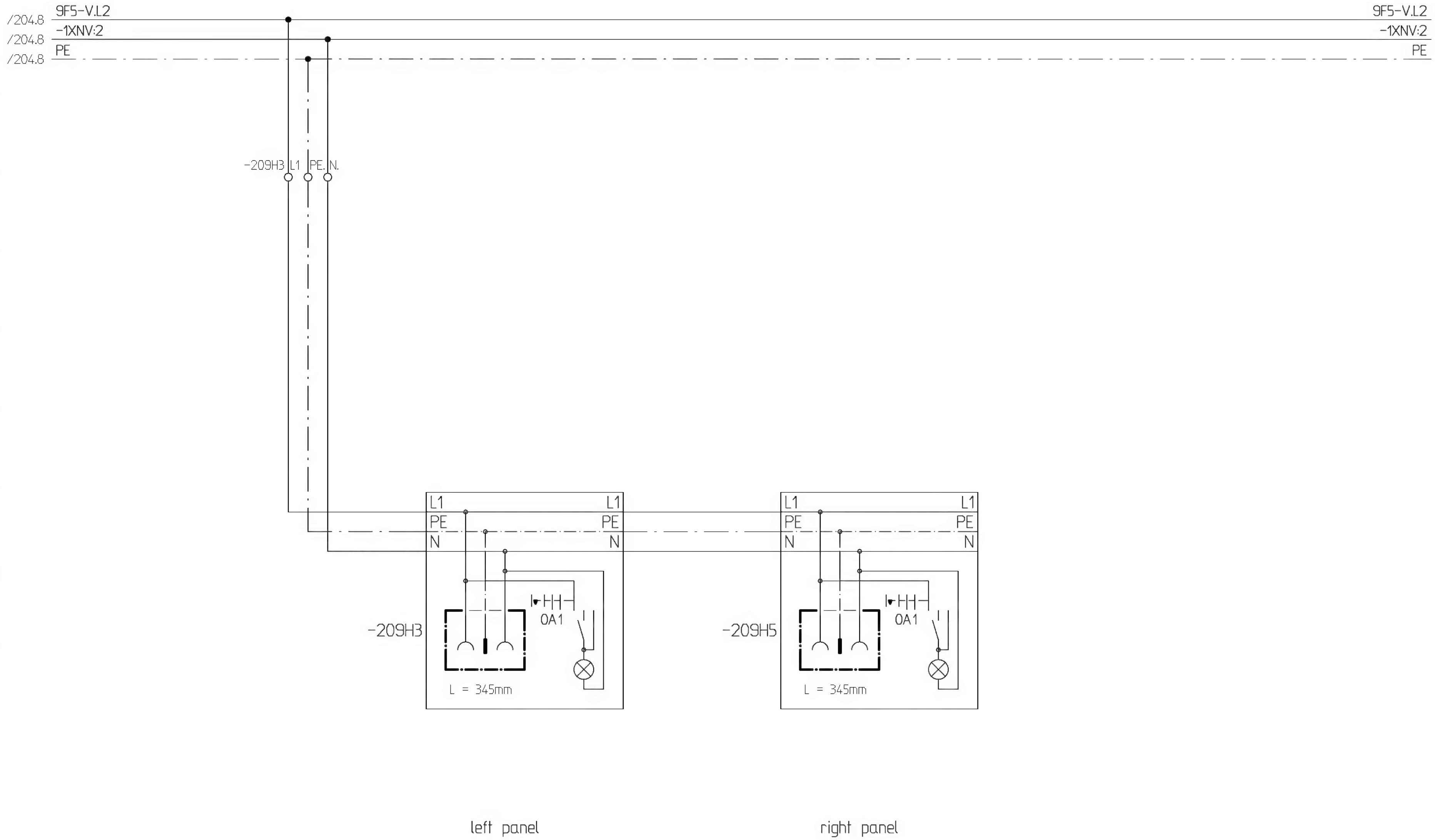
DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730

437300

=DPP
+CCP



Bildbeschreibung
IMAGE DESCRIPTION switchboard light

			Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501		=DPP +CCP
			Desig.	A. Stellmann						
			Check	A. Stellmann				43730	437300	page 209
Index	changing	Date	name	Norm 33	Orig. Ersf.	Ers.d. 11.09.03				211 BL

Bildbeschreibung
IMAGE DESCRIPTION
spare

Date	08.07.03	Elektrim-MEGADEX Monde Energy Philippines	KUHSE	DPP 5(7) Syn. MST 5"/10"PC Common Control Panel	4500005501
Desig.	A. Stellmann				=DPP +CCP
Check	A. Stellmann				43730 / 437300
Norm	33	Orig. / Ers.f.	Ers.d. 11.09.03		

Index	changing	Date	name

Bildbeschreibung
IMAGE DESCRIPTION spare

Index	changing	Date	name		
				Date	08.07.03
				Desig.	A. Stellmann
				Check	A. Stellmann
				Norm	33

Elektrim-MEGADEX
Monde Energy Philippines

Orig. Ers.f. Ers.d. 11.09.03

KUHSE

DPP 5(7) Syn.
MST 5"/10"PC
Common Control Panel

4500005501

43730 437300

=DPP
+CCP